

ICCM
CONFERENCES
1977 - 2005

INDEX

ICCM
ΣΥΝΕΔΡΙΑ
1977 - 2005

ΕΥΡΕΤΗΡΙΑ

ΣΥΝΤΑΚΤΕΣ
ΧΑΡΑΛΑΜΠΟΣ ΜΠΑΚΙΡΤΖΗΣ
ΠΕΛΛΗ ΜΑΣΤΟΡΑ

ΠΡΟΛΟΓΟΣ
ΔΗΜΗΤΡΙΟΣ ΜΙΧΑΗΛΙΔΗΣ

ΕΠΙΤΡΟΠΗ ΓΙΑ ΜΕΛΕΤΗ ΚΑΙ ΣΥΝΤΗΡΗΣΗ ΤΩΝ ΨΗΦΙΔΩΤΩΝ
ΕΛΛΑΔΑΣ ΚΥΠΡΟΥ

ΛΕΥΚΩΣΙΑ 2011

ICCM CONFERENCES 1977 - 2005

INDEX

COMPILED BY
CHARALAMBOS BAKIRTZIS
PELLI MASTORA

PREFACE
DEMETRIOS MICHAELIDES

THE COMMITTEE FOR THE STUDY AND CONSERVATION
OF THE MOSAICS OF GREECE AND CYPRUS

NICOSIA 2011

© The Committee for the Study and Conservation
of the Mosaics of Greece and Cyprus, Nicosia, 2011
ISBN: 978-9963-7392-0-2

Published by The Committee for the Study and Conservation
of the Mosaics of Greece and Cyprus, Nicosia, 2011
Designed by EN TIPIS Voula Kokkinou Ltd., 9A Avlonos Street, 1075 Nicosia, Cyprus
Printed by Kailas Printers and Lithographers Ltd.

CONTENTS

Preface by Demetrios Michaelides	9
Notes for the user	11
Index I: Contents per volume	13
1. Mosaics No. 1 (Rome 1977)	15
2. Mosaics No. 2 (Carthage 1978 and Périgueux 1980)	17
3. Mosaics No. 3 (Aquileia 1983)	20
4. Mosaics No. 4 (Soria 1986)	22
5. Mosaicos No. 5 (Palencia 1990)	25
6. 5 th ICCM Conference (Faro and Corimbriga 1993)	27
7. 6 th ICCM Conference (Nicosia 1996)	30
8. 7 th ICCM Conference (Arles and Saint-Romain-en-Gal 1999)	33
9. 8 th ICCM Conference (Thessaloniki 2002)	38
10. 9 th ICCM Conference (Hammamet 2005)	42
Index II: Authors, editors and contributors	47
Index III: Sites, monuments, museums and mosaics	81

PREFACE

The first publication of the International Committee for the Conservation of Mosaics followed soon after a meeting at ICCROM in Rome in 1977, during which the Committee was officially founded. It consisted, in fact, of the proceedings of that meeting and appeared as *Mosaics* no. 1, a new series initiated by ICCROM. *Mosaics* no. 2 (1983), took care of two meetings (Carthage 1978 and Périgeux 1980); while *Mosaics* nos. 3, 4 and 5 consisted of the Proceedings of the 2nd, 3rd and 4th International Conferences (Aquileia 1983, Soria 1986 and Palencia 1990)¹.

After that the *Mosaics* series was interrupted and the Proceedings of ICCM's triennial conferences (5th: Faro and Conimbriga 1993; 6th: Nicosia 1996, 7th: Saint Romain-en-Gal and Arles 1999; 8th: Thessaloniki 2002; and 9th: Hammamet 2005) have been published as individual volumes, usually by the host organization. This sequence of events has given rise to some confusion because, although the last publication is that of the proceedings of the 9th conference, there are, in fact, ten published ICCM volumes.

Be that as it may, these publications, from rather modest beginnings, have grown over the years, both in volume and quality, and have contributed significantly to the improvement of the standard of literature on mosaic conservation. Today, in fact, they constitute a point of reference in the field of mosaics conservation, protection, mis-en-valeur and roofing. Moreover, they have been instrumental in advancing the study of mosaic conservation and all related fields.

One thing that these volumes lacked, was a proper index that would make them easier to consult; and, in an effort to rectify this situation, it was decided to prepare the present set of indices. This little volume also marks the first official manifestation of *The Committee for the Study and Conservation of the Mosaics of Greece and Cyprus*. This was first conceived in 2005, during the 9th International Conference of the ICCM at Hammamet, when 31 Greek and Cypriot specialists present (amongst them archaeologists, art historians, conservators and restorers) met and decided to form the Committee, the main aims of which are to promote and enhance the work of both the Association International pour l'Etude de la Mosaïque Antique (AIEMA) and the ICCM in the Greek speaking world. A five-member Interim Board (D. Michaelides, Ch. Bakirtzis, P. Assimakopoulou-Atzaka, C. Tsochos and A. Panayiotopoulou) was appointed and the Committee entered in the Cyprus Register of Companies (number HE 234316) on 22 July 2008. Another meeting took place during the Palermo ICCM conference in 2008, when the Committee was considerably enlarged. So far, it has not been possible to organize a conference or another

¹ It should be noted that some of these publications have also appeared in French and Arabic. The present index deal only with the English versions of these publications.

event, so preparing and publishing these indices seemed a good opportunity to make the Committee known.

There are three indices: I. Contents per volume; II. Authors, editors and contributors, and III. Sites, monuments, museums and mosaics.

For the preparation of the index, I have to thank Charalambos Bakirtzis and Pelli Mastora, who have spent many hours preparing this publication, which I hope will facilitate the consultation and use of the first ten volumes of the ICCM. It is hoped that in the not too distant future the index will also appear on the ICCM website.

Demetrios Michaelides
President, ICCM

NOTES FOR THE USER

The Indices of the first ten volumes of the Proceedings of ICCM Conferences comprise the following:

INDEX I: CONTENTS PER VOLUME

It starts with the description of each volume in italics, and is followed by the contents of the given volume. Whenever there are discrepancies between the items appearing in the “Contents” and the actual contents of a volume, we have followed the latter that is, the actual contents.

The ten volumes correspond to the following¹:

1. Mosaics No.1 (Rome 1977)
2. Mosaics No. 2 (Carthage 1978 and Périgueux 1980)
3. Mosaics No. 3 (Aquileia 1983)
4. Mosaics No. 4 (Soria 1986)
5. Mosaicos No. 5 (Palencia 1990)
6. 5th ICCM Conference (Faro and Corimbriga 1993)
7. 6th ICCM Conference (Nicosia 1996)
8. 7th ICCM Conference (Arles and Saint-Romain-en-Gal 1999)
9. 8th ICCM Conference (Thessaloniki 2002)
10. 9th ICCM Conference (Hammamet 2005)

Index I is, in fact, a reflection of the evolution of the ICCM since its foundation in 1977 and over the next 28 years.

INDEX II: AUTHORS, EDITORS AND CONTRIBUTORS

In Index II the authors are given in alphabetic, according to their surname, which is followed by their first name or names. Then follows the title of their contribution and the number of the volume (in italics) and pages, where this appears.

Where an article has two or more authors, the names are given in the order in which they appear in each volume, and the entry is marked with an *. For the sake of the completeness, the entry is repeated as many times as the number of authors, with the names in a different order in each repeat: the second author becomes first and the rest follow or the third author becomes first the rest follow, and so on. In such cases there is no * something that denotes that this is not the order in which the authors appear in the published work.

¹ For further details on these volumes, many of which are now out of print, see “Publication” on the Committee’s website: www.iccm.ac.cy. For information on remaining stocks, contact the President of the ICCM.

In the cases where the same author appears sometimes alone and sometimes as co-author, the entries with the single author are given first in chronological order of publication. Then follow the entries with the name of the author and his/her collaborator/s also in chronological order of publication. To letter 'p' denotes a poster.

Index II reflects the dynamic of the collaborators of the ICCM and the fields in which they have contributed.

INDEX III: SITES, MONUMENTS, MUSEUMS AND MOSAICS

Index III lists mosaics and works in *opus sectile* according to sites, monuments and museums. These are classed according to present-day and/or the historical names of cities or regions or other geographical denomination, monuments and museums famous for their mosaics. Special reference is made to mosaics and works in *opus sectile*, which are dealt with at length in a given article. Cross-referencing between the sites and the monuments facilitates the use of the indices. The entries are followed by the number of the volume (in italics) and the pages, where the articles appear.

Index III facilitates the locating of mosaics and works in *opus sectile* dispersed throughout the Greek and Roman world.

Thanks are due to Marios Kammenou, who offered his assistance throughout the process of compilation of the Indices. Thanks are also due to Mr Javier Diaz Gervassini, director of the Aula Cervantes in Nicosia for the rendering of the Spanish and Portuguese names and toponyms, and to Dr Partice Georges for the corrections.

The Index to the *ICCM Conferences 1975–2005* are published in printed form by the Committee for the Study and Conservation of the Mosaics of Greece and Cyprus, on the occasion of the 11th ICCM Conference at Volubilis and Meknes in Morocco.

INDEX I
CONTENTS PER VOLUME

1: MOSAICS No. 1

Mosaics No. 1: Deterioration and Conservation

Rome, 2–5 November 1977

Proceedings of the 1st Conference of the International Committee for the Conservation of Mosaics

Editors: Patricia Bonicatti, Véronique Demaret, Gaël de Guichen, Susan Inman, Patricia Johnson, Cynthia Rockwell, Forrest Selvig

ICCROM, Rome 1978

Sponsors: UNESCO, Direction des Musées de France, Goethe–Institut

Pages 1–104

Dimensions 0,296 X 0,221 (paper)

First published in French: Mosaïque No. 1: Détérioration et conservation

CONTENTS

Introduction

Acknowledgments, Bernard M. Feilden 3

Foreword 5

Sources of illustrations 6

List of participants 7

Glossary 12

Official Papers

The conservation of pavement mosaics before modern times: A selection from the mosaics of Gaul, Henri Lavagne, translated from the French by Patricia Bonicatti 15

The wall mosaic: History of restoration, evolution of techniques, Irina Andreescu, translated from the French by Elisabeth Schwartzbaum 20, Discussion 37

Conservation problems of mosaics *in situ*, Maria Luisa Velocchia, translated from the Italian 39, Discussion 46

Some experiments in the use of epoxy resins for impregnation of the nucleus, Giuseppe Marinelli, translated from the Italian 47

The removal of weeds from outdoor mosaic surfaces, Alberto Villa, translated from the Italian by Cynthia Rockwell 49, Discussion 52

The cleaning, consolidation and treatment of wall mosaics, Lawrence Majewski 54, Discussion 61

The restoration of mosaics in Germany, Rolf Wihr, translated from the French by Patricia Bonicatti 62

Some problems in the conservation of mosaics, Claude Bassier, translated from the French

by Patricia Bonicatti 67, Appendix: Example of Treatment with Epoxy Resins 71, Discussion 81

The problem of lacunae in mosaics, Paul Philippot, translated from the French by Elisabeth Schwartzbaum 83, Discussion 88

Additional Papers

The restoration and conservation of mosaics in Tunisia, Mongi Ennaifer, translated from the French by Patricia Bonicatti 90

The activities of the Department of Antiquities of the Hashemite Kingdom of Jordan, Mohammed Ghouj 91

The treatment of mosaic pavements in Syria since 1939, Raif Hafez, translated from the French by Patricia Bonicatti 92

The mosaic of "The Good Shepherd", Jerónimo Escalera Ureña 94, Discussion 94

The treatment of some mosaics in England, William E. Novis 95

The treatment of mosaics at Carthage, Amy Rosenberg 98

On the need to train mosaic restorers, Ciro Robotti 100

Follow-up of the Meeting

Establishment of an International Committee for the Conservation of Mosaics 102

Press release (The birth of the International Committee for the Conservation of Mosaics = ICCM) 103

Contents 104

2: MOSAICS No. 2

*Mosaics No. 2: Safeguard,
Carthage July 1978 and Périgueux May 1980
ICCROM, November 1977
National Institute of Art and Archaeology of Tunisia
SOCRA*

(A Handbook for floor mosaic conservation: The method of lifting and replacing mosaics, problems of in situ mosaics accessibility, aspects of mosaic final presentation. The text is based on discussions between Irina Andreescu, Claude Bassier, Mongi Ennaifer, Gaël de Guichen, Henri Lavagne, Paolo Mora, William Novis and Maria Luisa Veloccia. The French edition (ICCROM, Rome 1981) was prepared by Claude Bassier, Henri Lavagne, Paolo Mora, with illustrations of Claude Bassier, Patrick Pelem. The editing was done by Gaël de Guichen and Susan Inman. The English version (ICCROM, Rome 1983) has been produced by Forrest Selvig, Cynthia Rockwell, Susan Inman, William Novis and Gaël de Guichen. Forrest Selvig organized the English text.)

Produced by ICCROM for the ICCM

© ICCROM 1983

Printed in Italy by Multigrafica Editrice

Pages 1-64

Dimensions 0, 295 X 0,229 (paper)

First published in French: Mosaïque No. 2: Sauvegarde

CONTENTS

Acknowledgements, The Board 7

Foreword, Cevat Erder 9

Introduction, Paolo Mora 11

Part I: The discovery of a mosaic: work plan

Introduction 15

I. First measures 16, 1) protection against inclement weather, 2) initial cleaning, 3) walking on mosaics, 4) temporary reinforcement of the edges, 5) taking a decision of future destination

II. Leaving *in situ* and re-covering with earth 18, 1) cleaning/removing of the calcareous accretions, 2) photographic documentation, 3) re-covering mosaics in winter months, 4) recovering mosaic for longer period, 5) mark the mosaic's exact position, 6) protection against plant growth.

III. Leaving *in situ* without re-covering with earth 19, 1) protection of the pavement's

edges, 2) fill in lacunae, 3) cleaning/removing of the calcareous accretions, 4) photographic documentation, 5) stabilization of the tesserae, 6) reinforcement of the joints/ grouting with mortar the joints between tesserae, 7) protection against water/humidity, 8) protection against winter frosts, 9) check and photographic record of the mosaic's state of preservation, 10) protection against plant growth.

IV. Lifting in pieces and replacing *in situ* on a new fixed support 20, 1) To remove in pieces: 1.1) protection against inclement weather and draining off rainwater, 1.2) documentation of the operation, 1.3) removing of the calcareous accretions, 1.4) improving the adherence of the tesserae, 1.5) cutting plan to lift mosaic in several pieces, 1.6) choosing the proper way to lift the mosaic: a) (lifting) when the bedding mortar is relatively soft, b) (lifting) when the bedding mortar is very hard. 2) Storage. 3) Making a new support and transferring the tessellatum section.

V. Lifting in pieces and transferring to a new, movable support 24.

VI. Lifting all in one piece and replacing *in situ* on a new fixed support 26, 1) choosing the lifting technique, 2) the several lifting techniques: a roller alone, a frame alone, a lifting beam system, pulley, gantry.

VII. Lifting all in one piece and transferring to a new, movable support 27.

VIII. Treating lacunae and exhibiting the mosaic 28, 1) Lacunae: factors of lacunae restoration: 1.1) lacunae that can be restored, 1.2) lacunae that cannot be restored. 2) Surface treatment (stabilization of deteriorated or cracked tesserae, removing of deposits). 3) Presentation (prohibition of the display mosaics under water and of the walk on mosaics). 4) Exhibiting the mosaics (different ways to show mosaics: horizontally, upright, at an angle to the wall, flat on the ground, without a frame/prohibition of the display in a frame).

Part II: Mosaic supports. A comparative study of the principal Materials and methods

Introduction 31 (Solid or movable base of the support).

I. Transfer 32, 1) Preparing the tessellatum. 2) Preparing the intervening bed. 3) Transfer: a) the direct method, b) the indirect method.

II. Fixed floor of reinforced cement concrete with intervening bed 35, 1) Fabrication: 1.1) archaeological excavation after the lifting of the mosaic, 1.2) construction of the new floor, 1.3) preparation of the tessellatum for the transfer, 1.4) replacing the tessellatum. 2) Characteristics. 3) Advantages. 4) Disadvantage. 5) Observations.

III. Fixed floor in lime mortar 38.

IV. Movable slab of cement concrete in direct contact with the tesserae 40, 1) fabrication, 2) characteristics, 3) advantages, 4) disadvantages, 5) observations.

V. Movable slab of reinforced cement concrete with intervening bed 42, 1) Fabrication: 1.1) the slab, 1.2) the tessellatum, 1.3) replacing the tessellatum. 2) Characteristics. 3) Advantages. 4) Disadvantages. 5) Observations.

VI. Movable slab of lime mortar in contact with the tesserae 44, 1) fabrication,

2) characteristics, 3) advantages, 4) disadvantages, 5) observations.

VII. Wood 46, 1) Fabrication: 1.1) the support, 1.2) the tessellatum, 1.3) the bonding layer, 1.4) transfer: a) direct, b) indirect method. 2) Characteristics. 3) Advantages. 4) Disadvantages. 5) Observations.

VIII. Plaster 48, 1) fabrication, 2) characteristics, 3) advantages, 4) disadvantages, 5) observations.

IX. Stratified, reinforced resins 50, 1) Fabrication: 1.1) resins, 1.2) fibreglass, 1.3) stratification. 2) Characteristics, 3) Advantages, 4) Disadvantages, 5) Observations.

X. Sandwich specially built on the reverse of the mosaic 52, 1) Fabrication: 1.1) the tessellatum, 1.2) the sandwich, 1.3) resins, 1.4) transfer. 2) Characteristics. 3) Advantages. 4) Disadvantages. 5) Observations.

XI. Industrial sandwich 54, 1) Fabrication: 1.1) mosaic with a first backing of reinforced resin, 1.2) resins, 1.3) transfer. 2) Characteristics. 3) Advantages. 4) Disadvantages. 5) Observations.

Appendix 1: Comparative cost of materials for 1m^2 of a solid foundation for a fixed support of 30m^2 57: a) on a floor of reinforced concrete, waterproofed, or built over a hollow underfloor, b) on a bed composed of stone blocks, a framework, and a waterproof kerbing.

Appendix 2: Comparative cost and characteristics of materials needed to build 1m^2 of a new movable support 58: a) working time needed for 1m^2 of a movable support, b) cost of materials, c) reversibility, d) adhesion, e) resistance to tension, f) resistance to compression, g) elasticity.

Glossary 63

3: MOSAICS No. 3

Mosaics No. 3 – Mosaique No. 3: Conservation in situ

Aquileia 1983

Proceedings of the 2nd Conference of the International Committee for the Conservation of Mosaics

Editors: Gaël de Guichen, Susan Inman, Anne Tango

ICCROM, Rome 1985

© ICCROM 1985

Printed in Italy, Sintesi Informazione S.r.l.

Pages I–XII, 1–386

Dimensions 0,239 X 0,170 (paper)

CONTENTS

Erder Cevat, Foreword/ Avant propos VII

Acknowledgements/ Remerciements IX

Mora Paolo, Introduction XI

Bertacchi Luisa, I mosaici di Aquileia 1, Discussion 28

Papageorghiou Athanasios, The mosaics of Cyprus: Problems of conservation 31, Discussion 37

Lancha Janine, avec une contribution de Francisco Gago, Mosaiques *in situ* en Espagne et au Portugal: État de la question 39

Stanley Price Nicholas, Patterns of survival among some Byzantine floor mosaics in the Levant 49, Discussion 55

Bassier Claude, Philosophie de la conservation 57, Discussion 61

Schleiermacher Matilde, Le sauvetage d'une mosaique en plein air – Cologne 1980 63, Discussion 66

Roncuzzi Fiorentini Isotta, 'Opus signinum' – Consolidamento *in situ* 69, Discussion 79

Ferragni Daniela, M. Fotti, Jef Malliet, Jeanne Marie Teutonico, Giorgio Torraca, *In situ* consolidation of wall and floor mosaics by means of injection grouting techniques 83, Discussion 100

Novis William E., The treatment of undulating mosaics 103, Discussion 112

Silvestrini Giuseppe, Trattamenti per il restauro dei mosaici 113, Discussion 127

Cassio Antonio, Roberto Nardi, Esempi di conservazione *in situ* di mosaici pavimentali 129, Discussion 146

Bassier Claude, Restauration d'une mosaique *in situ* 149, Discussion 161

Barov Zdravko, Recent developments in mosaic lifting techniques and new supports for removed floor mosaics 163

- Chantriaux Évelyne, Réflexions sur les problèmes posés par la repose et la protection de deux mosaïques de pavement susceptibles d'être reposées *in situ* 185, Discussion 192
- Escalera Ureña Jerónimo, María Irene Gómez Pardo, La pianificazione intorno ad una villa di mosaici all'aria aperta 193
- Manucci Vanni, Giangiacomo Martines, Mosaici pavimentali in una città archeologica: Proposte di uso e manutenzione 199, Discussion 206
- Robotti Ciro, La conservazione *in situ* delle compagini musive pavimentali: Il rilievo per la documentazione 207, Discussion 214
- Lavagne Henri, Une mosaïque pariétale d'époque romaine: Problèmes de conservation 215
- Andaloro Maria, Tecniche di esecuzione dei mosaici di Monreale 231
- Andreescu Treadgold Irina, Problems of the wall mosaics in Torcello and their documentation 257, Discussion 275
- Kosinka Jan, Intervento del restauro nel sacello di San Vittore in Ciel d'Oro presso la Basilica di Sant'Ambrogio a Milano 279, Discussion 293
- Naselli-Flores Girolamo, I mosaici del Duomo di Monreale: Stato di conservazione e restauro (1960–1982) 295
- Calcagno Giancarlo, Individuazione dello stato di degrado dei materiali di allettamento sui mosaici parietali. Cattedrale di Torcello 323
- Calcagno Giancarlo, Proposta per un procedimento di consolidamento dei mosaici parietali *in situ*, ottenuto mediante depressione 335, Discussion 351
- Fumo Grazia, Maria Piana, Notizie sul consolidamento dei mosaici absidali di Torcello 353
- Cordaro Michele, Il problema delle lacune nei mosaici 365, Appendice: Alcuni esempi di rifacimenti, integrazioni, trattamenti di lacune 370, Discussion 372
- Cucco Giovanni, Basilica di S. Maria Assunta di Torcello: Abside centrale. Consolidamento del manto musivo e del suo supporto 375
- Appendix I: Information about the International Committee for the Conservation of Mosaics / Information sur le Comité International pour la Conservation des Mosaïques 379
- Appendix II: List of participants / Liste des participants 379

4: MOSAICS No. 4

*Mosaicos Nº 4 / Mosaique Nº 4 / Mosaics Nº 4: Conservation in situ
Soria, July 1986*

*Proceedings of the 3rd Conference of the International Committee for the Conservation
of Mosaics*

Editor: Carlos de la Casa Martínez

ISBN: 505-5096-3

*Servicio de Investigaciones Arqueológicas. Diputación Provincial de Soria, Instituto de
Conservación y Restauración de Bienes Culturales. Ministerio de Cultura, Soria 1986*

*Sponsors: Comisión Asesora de Investigación Científica y Técnica. Ministerio de
Educación y Ciencia. Instituto de Conservación y Restauración de Bienes Culturales,
Ministerio de Cultura*

Departamento de Cultura. Excma. Diputación Provincial de Palencia

*International Centre for the Study of the Preservation and the Restoration of Cultural
Property*

Asociación Española del Mosaico

Excma. Ayuntamiento de la Ciudad de Soria

Caja general de Ahorros y Préstamos de la Provincia de Soria

Banco Oeste. Soria

© Servicio de Investigaciones Arqueológicas. Diputación Provincial de Soria, España

Pages I–XVI, 1–421

Dimensions 0, 210 X 0,144 (paper)

CONTENTS

A. Díez Ripa, Prólogo XIII

C. de la Casa Martínez, Introducción XV

J. Brihuega, Lección inaugural: Hacia una nueva política para la conservación de Bienes
Culturales 3

D. Weidmann, Problèmes de gestion et de conservation des mosaïques d'Orbe – Boscéaz
(Vaud – Suisse), abritées depuis 1841 7, Discussion 18

J.L. Avelló, Mosaicos romanos de la provincial de Léon aprovechados como pavimentos o
en paredes de edificios modernos 21

É. Chantriaux-Vicard, Deux *reposes in situ* de mosaïques de pavement 37

V.W. Munday, Experience with a conservation technique at the British Museum 47

A. M. Giusti, G. Raddi, P. Frizzi, Restauration d'une mosaïque du Baptistère de Florence:
Propositions techniques et méthodologiques 57

- J. Escalera, Coberturas sobre mosaicos en peligro. Cubierta temporal en no contacto con el mosaico 85, Discussion 97
- J.L. Rodríguez Gonzalez, Metodología para la conservación de mosaicos: El levantamiento 99
- F. Mingarro Martín, M.C. López de Azcona, Estudio petrológico de teselas para la conservación de mosaicos 107, Discussion 129
- G. de Guichen, Intervención especial 135
- W.E. Novis, Communication—description and understanding 137, Discussion 141
- D. Ríos, Pruebas con distintos materiales para hacer soportes de mosaicos 145
- C. Fiori, F. Donati, R. Mambelli, P. Racagni, E. Roncari, Study of a lime–nucleus treated with three different types (acrylic-, silicone-, epoxy-) of resins 147, Discussion 158
- F. Guidobaldi, La restauration *in situ* des pavements en *opus sectile* 161
- A. Bonarrigo, G. Cucco, Research in the conservation state of mosaics by analysis of dynamic signals 171
- A. Balil, Mosaic y museo: Consecuencia o alternativa 183, Discussion 190
- I. Roncuzzi Fiorentini, Nettoyage et consolidation des mosaïques de pavements 195
- M. Ennaïfer, Entretien et gestion du site de Carthage: Programme général – Mesures et solutions prises dans le domaine de la conservation des mosaïques 215, Discussion 238
- E. Alföldi–Rosenbaum, Mosaic pavements in Anemurium: Problems of lifting and conservation *in situ* 239, Discussion 241
- V. Bellitti, P. Racagni, Quelques réflexions concernant le problème de l’entretien des mosaïques de pavement d’un parc archéologique 247
- A. Cassio, R. Nardi, Pompeya, Casa del bracciale. Intervención conservática en los mosaicos de la fuente 251
- C. Beloto, Conservación y presentación de los mosaicos de Conimbriga 261, Discussion 274
- C. Fernández, Primeros datos acerca del estado de conservación y sus causas, de los pavimentos musivarios bicromos del yacimiento de Julio-Briga (Cantabria-España) 281
- Á. Marcos Martínez, E. Catalán Mezquíriz, Mosaico báquico de Andelos (Mendigorría-Navarra) 289
- A. Gallone, S. Rezende, M. Rosa, L. Formica, Conservation works and scientific investigations of pebbles mosaics of Villa Litta in Lainate (Milan) 299, Discussion 319
- G. de Tommasi, A proposal of restoration of mosaics: The case of the mosaics in the cathedral of Otranto (Le) 321

Sesione especiales

- Coloquio sobre la Villa de Cuevas de Soria (C. De la Casa, J. Escalera, C. Beloto, T. Herma-
nes, W. Novis, H. Weber, G. de Guichen) 335
- Coberturas temporales (G. de Guichen, H. Weber, É. Chantriaux-Vicard, C. de la Casa,
D. Weidmann, P. Shorer, F. Mayer, F. Martínez, J. Escalera, A. Marcos, F. Guidobaldi,

F. Mingarro) 345

Paneles

C. de la Casa, Planimetría de los mosaicos de Cuevas de Soria 368

J. Escalera, Restauración de pavimentos en Cuevas de Soria 368

P. Jhonson, Mosaico romano de Littlecote 369

P. Shorer, Material para restaurar mosaicos 369

F. Guidobaldi, A. Salvatori, Restaurations des pavements en "opus sectile" xecutéés à Rome
dès 1900 371

Coclusions y clausura 395

M. Doménech, Cronica 405

Lista de participantes 409

5: MOSAICOS No. 5

Mósaicos No 5: Conservación in situ

Palencia 1990

Proceedings of the 4th Conference of the International Committee for the Conservation of Mosaics

Palencia 1994

Centro Internacional de Estudios para la Conservación y Restauración de los Bienes Culturales – ICCROM

Imprenta Provincial – Palencia

ISBN: 84-8173-004-1

Pages 1-352

Dimensions 0,241 X 0,165 (paper)

CONTENTS

Contents / Indice

Presentación, Jesús Mañueco Alonso, presidente de la Diputación de Palencia 3

Novo suporte para mosaico, Carlos Beloto 7

Intervento di restauro sui mosaici dell'Arco di ingresso al presbiterio della Basilica di S. Vitale a Ravenna, Livia Alberti, Ambra Tomeucci 11

Deterioration of mosaics in the Mamluk Buildings in Egypt, Mohamed Abd el Hady 27

Mosaic conservation in Tunisia a century ago, Margaret A. Alexander 37

Il restauro del mosaico con I.S.S. Primo e Feliciano in S. Stefano Rotondo a Roma, Giuseppe Basile 47

Opus signinum di fragellae: Conservazione e preparazione per la musealizzazione, Angelo Maria Ardovino 59

Pavimenti romano-imperiali in *opus sectile* ed altre tecniche da Suasa: Conservazione *in situ*, Angelo Maria Ardovino 73

La conservation des mosaïques d'Arles. État de la question, Patrick Blanc 87

Roma – Terme di Caracalla problemi di conservazione dei pavimenti in mosaico, Maria Letizia Conforto 97

Propuesta de intervención en la villa romana de Cuevas de Soria (España), Carlos de la Casa, Pablo Luis Yagüe, Juan Carlos Zarza 105

L'insulaire de l'Évêque de Naples, Giovanni Cucco 115

The Roman Forum. On-site conservation of floor surfaces during excavation, Andreina Costanzi Cobau 127

Éléments de recherche pour une contribution à la conservation des mosaïques *in situ*, Éve-

- lyne Chantriaux-Vicard, Christophe Laporte, Marion Hayes, Andréas Phoungas, Maurice Simon 139
- Mosaici di Delos. Cause delle distruzioni. Restauro, ripristino estetico-protezione, Dimitrios Chrysosopoulos 151
- Misure preventive di conservazione *in situ* di mosaici pavimentali durante uno scavo di emergenza, Luca Demitry 161
- Conservation of Chilgrove 1 mosaic: Problems caused by incomplete treatments and long-terms storage, Carol Edwards 173
- The church of S. Vitale in Ravenna. Restoration of the mosaics on the entrance arch to the presbitery, Cesare Fiori, Cetty Muscolino 185
- Propuesta general de intervención en el mosaico de la Plaza Romana de Astorga (León), Pablo Yagüe 201
- Informe previo sobre la informatización de los estudios de alteración de mosaicos *in situ*, José Luis Rodríguez González 209
- Una experiencia de cobertura temporal en contacto directo sobre el mosaico de la villa romana de los Castillejos, en Magan. Toledo-España, José Luis Rodríguez González 219
- Traitement informatique de l'image: La mosaïque cosmologique de Merida, Bernard Barbier, Janine Lancha, Robert Goutte 231
- Risultati di un esperimento di protezione di pavimenti in mosaico conservati all'Aperto nel sito di Ostia Antica, Roberto Petriaggi 255
- Consolidación de mosaicos romanos con cal el la villa romana de la Olmeda, Domiciano Ríos Santos 269
- Techniques de la mosaïque grecque aux époques classique et hellénistique: Le trait et la couleur, Anne-Marie Guimier-Sorbets 277
- Mosaicos de Italica: Ejemplos de deterioro, J.M. Rguez-Hidalgo, J. García-Rowe, C. Sáiz-Jiménez 293
- Estudio pretrológico de los mosaicos de Italica. Sevilla, María Concepción López Azcona, Francisco Mingarro Martín 305
- Lauro di Nola: Mosaico parietale. Nuovi elementi, Elena Forgia 317
- L'encollage rigide: Un complément intéressant à l'encollage souple traditionnel, André Glauser 325
- Conservation of archaeological mosaics: The state of the problem in the light of a recent international course, A. Melucco, G. de Guichen, R. Nardi 333
- Critical review of the specialized literature in mosaic conservation, Roberto Nardi 341

6: 5th ICCM CONFERENCE

Vth Conference of the ICCM – V^a Conferencia do ICCM: Conservation, Protection, Presentation

Faro, Conimbriga, 4–8 october 1993

Proceedings of the Vth Conference of the International Committee for the Conservation of Mosaics

Editors: Adília Alarcão, Virgílio H. Correia, Carlos Beloto, with the assistance Joana Lamas International Committee for the Conservation of Mosaics, Museu Monográfico de Conimbriga, Conimbriga 1994

Under the auspices of ICCROM-International Centre for the Study of the Preservation and the Restoration of Cultural Property, IPM-Instituto Português de Museus

Sponsors: Adsicó, Lusotur, Câmara Municipal de Loulé, Câmara Municipal de Condeixa, Câmara Municipal de Penela, Delegação Regional da Secretaria de Estado da Cultura do Algarve, Região de Turismo Algarve, Governo Civil de Coimbra, Região de Turismo do Centro, Eurolabor, Wacker Química Portuguesa, Dicop-Minolta, Soluções do Futuro Pages I-XVI, 1-421

Dimensions 0,243 X 0,169 (paper)

CONTENTS

Preface / Prefácio V

Table of Contents / Índice VII

Table of Illustrations / Índice de Figuras XI

Consolidation and Protection *in situ* / Consolidação e Protecção *in situ*

Podany Jerry, Neville Agnew, Martha Demas, Preservation of excavated mosaics by reburial: Evaluation of some traditional and newly developed materials and techniques 1

Martinelli Antonella, Un'esperienza di reinterro: La *villa* marittima di Cala Padovano 21

Roby Thomas C., Consolidation of a floor mosaic during the excavation of a Byzantine church in Petra, Jordan 31

Antonelli Elisabetta, Firenze, Battistero di San Giovanni. Il restauro di un coretto 39

Rava Antonio, Un problema di consolidamento delle superfici musive all' aperto. I mosaici di Prampolini e Depero all' E. U. R. 45

Silva Isabel, Carlos Guimarães, A integração arquitectónica de um mosaico romano no edifício do museu regional de arqueologia de D. Diogo de Sousa, Braga 61

Antellini Simonetta, Roma, chiesa di Santa Croce in Gerusalemme, Saint Elena's Chapel restoration of the vault's mosaic 67

Discussion/Discussão 77

Lifting and Relaying / Transposição para novo suporte

Chantriaux-Vicard Évelyne, Christophe Laporte, Marion Hayes, Andreas Phoungas, Maurice Simon, Fanny Bonhomme, Aspects de la dépose 81

Ianucci A.M., C. Muscolino, C. Fiori, The restoration of the “sea medallion” from the church of the SS. Apostles in Madaba, Jordan 93

Beloto Carlos, Suportes de resina epoxida sem estrutura rígida 103

Chrysopoulos Dimitrios, Sopporti: una proposta alternativa 107

Carrascosa Moliner Begoña, Elvira Aura de Castro, Trinidad Pasies Oviedo, Propuesta metodológica para el analisis, estudio y restauracion de tres mosaicos romanos aparecidos en la excavacion de las cortes de Valencia (España) 111

Discussion / Discussão 123

Conservation and museum presentation / Conservação e apresentação em museus

Reguerras Fernando, Pablo Yagüe, Luis A. Grau, Rapto y rescate del heroe: Estudio, recuperación y musealización del mosaico de “Hilas y las ninfas” (Quintana del Marco, León, España) 129

Cerioti Maria Chiara, Proposals for reconstructing missing sections in mosaics 141

Design and effectiveness of protective structures / Arquitetura e eficácia das coberturas

Giachetti Maurizio, Soluzioni architettoniche per la salvaguardia dei mosaici e aree archeologiche: Problema di competenze e non di metodologia 145

Marreiros Luís Soromenho, Meios arquitectónicos de protecção de mosaicos: Os casos de Conimbriga e Torre de Palma 151

Discussion / Discussão 161

Registration, analysis and safeguard / Registo, análise e salvaguarda

Lancha J., P. André, De la trace à la restitution des mosaïques *in situ*: La mosaïque aux étoiles de la villa de Torre de Palma (Portugal) 169

Blanco Varela M.T., E. Menéndez Méndez, F. Puertas Maroto, A. Palomo Sánchez, Mosaic nº 1 of the House of the Birds at Italica: Characterization of some artificial materials and decay products 177

Nardi Roberto, The first step in preventive conservation: The analysis of the problem 185

Puertas F., M.T. Blanco, A. Palomo, J.J. Ortega-Calvo, X. Ariño, C. Sáinz-Jiménez, Characterization of mortar from Italica mosaics: Causes of deterioration 197

Marcos Fierro Rosa, Francisco Javier Alonso Rodríguez, Identificación petrográfica de teselas de mosaicos romanos zamoranos (España), con vistas a su conservación 203

Nardi Roberto, Preventive conservation of mosaics at archaeological sites 213

Colombi Rossella, Considerazioni in margine al tentativo di definire una politica per la salvaguardia dei mosaici e dei siti archeologici 219

Rodríguez González José Luis, Realização de um inventário geral sobre o estado de conservação dos mosaicos em museus e colecções 225

Discussion / Discussão 233

Chronicle / Crónica

Welcome Adress / Boasvindas (Alarcão Adília) 241

Closing Session / Sessão Final (Margaret Alexander, Gaël de Guichen, Simonetta Luz Afonso) 242

Motion / Moção (Margaret Alexander) 246

Programme / Programa 247

Participants / Participantes 249

7: 6th ICCM CONFERENCE

*Mosaics Make a Site: The Conservation in situ of Mosaics on Archaeological Sites
Nicosia, Cyprus, August 1996
Proceedings of the VIth Conference of the International Committee for the Conservation
of Mosaics
Editor: Demetrios Michaelides
Published in Rome, 2003 by ICCM, Getty Conservation Institute, ICCROM
ISBN 92-9077-179-8
Sponsors: Bank of Cyprus Cultural Foundation, Getty Conservation Institute, International
Committee for the Conservation of Mosaics, ICCROM, Pierides Foundation Lar-
naca, University of Cyprus
© ICCM 2003
Published in Italy, Tipografia Mancini, s.a.s. Tivoli, ottobre 2003
Pages I-XIV, 1-398
Dimensions 0,244 X 0,168 (paper)*

CONTENTS

Demetrios Michaelides, Preface VII

Welcome and Introductions

Demetrios Michaelides, Archaeological Research Unit, University of Cyprus 3

Miltiades Chalcholiades, Rector of the University of Cyprus 4

Miguel Angel Corzo, Director, The Getty Conservation Institute 6

Margaret Alexander, President, International Committee for the Conservation of Mosaics
9

Andreas Patsalides, Chairman, Bank of Cyprus Cultural Foundation 10

Demos Christou, Director, Department of Antiquities, Republic of Cyprus 11

Gaël de Guichen, Head, Museum and Collections Unit, ICCROM 12

Session 1: Philosophies favouring *in situ* conservation

Philosophies favouring *in situ* conservation, Alessandra Melucco Vaccaro 17

La basilique épiscopale de Xanthos (Turquie). Problématique de conservation *in situ* et de
coopération, Patrick Blanc and Laurence Krougly 31

Mosaics *will* make a site: Remarks on the excavation and conservation of mosaic pavements
of Sparta, Anastasia Panayiotopoulou and Stella Raftopoulou 41

Mosaic floors of ancient Samos: Conservation problems, Vassiliki Yiannouli, Nicoletta
Anastasatou and Cleopatra Papastamatiou 53

Théorie et pratique de la conservation des mosaïques *in situ*, Claude Bassier 61

Session 2: Planning for the conservation of an *in situ* mosaic before, during and after excavation

Planning of conservation of an *in situ* mosaic, before, during and after the excavation, Catherine Sease 67

Protection du pavement en mosaïque de la “Basilique de Paul” à Philippes, Arghyris Bakirtzis, Charalambos Bakirtzis, Pandelis Xydias and Michalis Kamilis 83

The Quapaw Dome project, Jake Barrow 91

The investigation and conservation of 4th century AD mosaics at Brading Roman Villa, Isle of Wight, England, Carol Edwards, Mike Corfield, Barry Knight, Jeanne Marie Teutonico and John Adams 101

Problems and solutions: *In situ* conservation of the Last Judgement mosaic in St. Vitus Cathedral in Prague, Milena Necaskova, Francesca Piqué and Dusan Stulik 111

Session 3: Documentation of the condition of mosaics *in situ*

A framework for the documentation of *in situ* mosaic conservation projects, Mike Corfield 123

The documentation and conservation of the nave mosaic in the Basilica of Agios Lot at Deir ‘Ain ‘Abata, Jordan, Stephania N. Chlouveraki and Konstantinos D. Politis 149

Relevé «d’urgence» et relevé «dynamique» de dallages mosaïques, Luigi Marino 157

Analyse des altérations et déformations de mosaïques à Orbe-Boscéaz (Canton de Vaud, Suisse) Denis Weidmann, Robert Flatt, Claude Félix, Fred Girardet and André Glauser 169

Session 4: Treatment of *in situ* mosaics

The treatment of mosaics *in situ*, Roberto Nardi 187

Conservation of mosaics *in situ* at Tel Itztaba, Bet She’an, Israel, Jacques Neguer 203

In situ stabilization during excavation of Roman floor mosaics severely damaged by root growth and their condition after temporary reburial, Thomas C. Roby 211

Examples of deterioration following preservation works on mosaics *in situ*, Menicos Menicou, Cesare Fiori and Michele Macchiarola 225

Zippori. *In situ* conservation of a floor mosaic in polychrome stones and glass paste, Romana Albini and Chiara Zizola 235

Mosaic pavements from the *Thermae* of Caracalla (Rome): Biodeterioration and methods of control, Antonella Altieri, Domenico Poggi and Sandra Ricci 249

Session 5: Shelter protection for *in situ* mosaics

Protective shelters, Giora Solar 263

Protective enclosures for mosaic floors: A review of Piazza Armerina, Sicily, after forty years, Nicholas Stanley Price and Gianni Ponti 275

On-site protection of mosaics: Covering and protecting archaeological remains, Maria Concetta Laurenti 289

The conservation of mosaics *in situ*: An alternative to shelters, Ze'ev Margalit 299

Session 6: The presentation of *in situ* mosaics

Aesthetic restoration and presentation of mosaics, Demetrios Chrysopoulos 309

Presenting mosaics to the public: An Israeli experience, Renée Sivan 313

Conservation and protection of archaeological mosaics: The case of the building of the Nile in Zippori, Andreina Costanzi Cobau and Roberto Nardi 321

La restauration des mosaïques murales dans les monuments de Thessalonique, Eftychia Kourkoutidou-Nikolaïdou 341

Developing a World Heritage site: The case of Paphos, Cyprus, Sophocles Hadjisavvas 353

Protecting and preserving the mosaics of Jordan: The Madaba Mosaic School for mosaic restoration, Michele Piccirillo and Claudio Cimino 365

Posters

Developing a World Heritage site: The case of Paphos, Cyprus, Sophocles Hadjisavvas 373

The Promontory Palace at Caesarea, Jacques Neguer 375

The mosaics of Valencia: Current situation of conservation and restoration. The case of the pavements of Calpe (Alicante, Spain), Trinidad Pasies Oviedo and Begoña Carrascosa Moliner 381

Temporary restoration method for mosaic floor fragments, Cleopatra Papastamatiou 389

Closing Session

Recommendations, read by Aïcha Ben Abed 397

Conclusions and Closing Remarks, Roberto Nardi 397

8: 7th ICCM CONFERENCE

Mosaïques: Conserver pour présenter? / Mosaics: Conserve to display?
Musée de l' Arles antique-Arles, Musée archéologique de Saint-Romain-en-Gal,
France, 22–28 November 1999
Actes /Proceedings
VIIème Conférence du Comité International pour la Conservation des Mosaïques
VIIth Conference of the International Committee for the Conservation of Mosaics
Editor: Patrick Blanc, with the collaboration of Véronique Blanc-Bijon; transcription
of discussions: Évelyne Chantriaux-Vicard and Marie-Laure Courboulès
Conseil Général des Bouches-du-Rhône, Conseil Général du Rhône, Conseil Général de
l'Isère, Arles 2003
ISBN 2-9516385-5-8 (Édition du Musée de l' Arles et de la Provence antiques)
Pages 1-493
Dimensions 0,249X0,170 (paper)

CONTENTS

Jean Noël Guérini, Préface 3

Sommaire 5

Comité d'organisation 9

Demetrios Michaelides, Président de l'ICCM 11

Gaël de Guichen, Président honoraire de l'ICCM 13

Paolo Toeschi, Maire d'Arles, Président du SMGIRPA, Conseiller régional 15

Michel Mercier, Sénateur, Président du Conseil Général du Rhône 17

Bureau de ICCM élu lors de la VII Conférence de l'ICCM 19

Programme de la VIIème Conférence de l'ICCM 21

Conserver *in situ* : Planifier la maintenance/ Conservation *in situ*: Maintenance Planning
(Président de séance/ Session chairman: Demetrios Michaelides)

Neguer Jacques, Conserve ... and forget: Conservation program for the mosaics of archaeological sites in Israel 29

Bakirtzis Charalambos, Xydas Pandelis, Les mosaïques d'Amphipolis paléochrétienne:
Conserver et/ou présenter 37

Nardi Roberto, Ostia Antica, Piazzale delle Corporazioni: The maintenance of the mosaic floors 45

Margalit Ze'ev, The magic touch of mosaic maintenance 53

Discussions 57

Protéger pour conserver et présenter / Protecting for conserving and displaying

(Président de séance/ Session chairwoman: France Dijoud)

(Président de séance/ Session chairman: Patrick Blanc)

Gambogi Pamela, Tuccino Walter, Fontanelli Rossano, Pavimenti musivi della mansio d'età imperiale di Collesalveti (LI) – Problemi di restauro e conservazione *in situ*: Un progetto per la pubblica fruizione 67

Guex François, Vallon (Canton de Fribourg, Suisse): Tenants et aboutissants d'une réalisation en cours 75

Paton Sara, The Villa Dionysos at Knossos, Crete: Conservation and presentation of the mosaics (résumé) 87

Aslan Zaki, Assessing the efficiency of protective structures for *in situ* conservation and presentation of mosaics on archaeological sites: A planning and design methodology for architects and site managers 89

Paradowska Ewa, Conservation of mosaics from the early Roman Villa at Kom el Dikka, Alexandria 103

Rogliano Raymond, avec la collaboration de Christophe Pellecier, Un musée de site à Loupian (Hérault, France). Restaurer, présenter et étudier les mosaïques de la villa gallo-romaine de Prés-Bas 111

Discussions 123

Entretenir et présenter: Les mosaïques et leur contexte/Maintaining and displaying: Mosaics and the context

(Président de séance/ Session chairwoman: Alessandra Melucco Vaccaro)

(Président de séance/ Session chairman: Federico Guidobaldi)

Stewart John, Staniforth Sarah, Berry Janet, Chedworth Roman Villa: A methodology for the monitoring of *in situ* mosaics 135

Angelelli Claudia, Guidobaldi Federico, Rossi Filli, Conservation *in situ* des pavements de marbre du *Capitolium* de Brescia: Étude de la phase originale et des restaurations anciennes et modernes 145

Fischbacher Verena, Flatt Robert, Girardet Fred, Kaufmann Matthias, Weidmann Denis, Traitement *in situ* de mosaïques à Orbe-Boscéaz (VD-Suisse) 155

Marino Luigi, Nenci Cinzia, Santella Claudia, Il mosaico pavimentale della cattedrale di Santa Reparata a Firenze: Problemi di conservazione e di musealizzazione 163

Lopreato Paola, Fiori Cesare, Perpignani Paola, Basilica di Santa Eufemia a Grado: Storia, restauro e indagine scientifica 177

Discussions 191

Déposer pour conserver?/Lifting for preserving?

(Président de séance/ Session chairwoman: Aïcha Ben Abed)

Prachkov Luben, Atanassova-Putoux Zornitsa, Structure et état des mosaïques antiques en Bulgarie 203

Blanc Patrick, Courboulès Marie-Laure, Deux nouvelles mosaïques de pavement à Alexandrie: Conservation et restauration 209

Skaf Isabelle, Roby Thomas, The preservation of detached mosaics: Addressing storage and transportation problems resulting from the large-scale re-development of the central district of Beirut 221

Assimakopoulou-Atzaka Panayota, Kourkoutidou-Nikolaïdou Eftychia, Les mosaïques prélevées de leur contexte original: Le prix de l'expérience 229

Discussions 237

Se documenter pour restaurer, documenter les restaurations/Documenting for restoration, documenting the restorations

(Président de séance/ Session chairwoman: Évelyne Chantriaux-Vicard)

Daszewski Wiktor A., Remarques sur l'attitude des anciens vis-à-vis de la restauration des mosaïques 245

Papadopoulou Sharen T., The values of historical research at the House of Dionysos, Cyprus 255

Uprichard Ken, The lifting, display and re-lifting of the Hinton St. Mary mosaic 257

Discussions 259

Restaurer–rrestaureur: Le poids de l'Histoire/Restoring and re-restoring: Burden of History

(Président de séance/ Session chairman: Giora Solar)

(Président de séance/ Session chairman: Roberto Nardi)

Foschi Enrica, The mosaics of the baths of Sabratha, in Tripolitania: A conservation of methodology for an historical "system" 265

Abdelouahab Naïma, La mosaïque des Poissons du Musée national des Antiquités d'Alger: Une restauration contestée 273

Derram Mouloud, Restauration de la mosaïques des Poissons au Musée national des Antiquités d'Alger 279

Zizola Chiara, The conservation and restoration of the mosaic floor of the Byzantine Church (Western) in Mamshit (Negev Desert) 283

Fontaine Thomas H.M., History as a burden. The mosaic collection of the Rheinisches Landesmuseum Trier 293

Panagiotopoulou Anastasia, Raftopoulou Stella, La présentation des mosaïques au Musée de Sparte : État actuel et perspectives 303

Artal-Isbrand Paula, Nunberg Sarah, New solutions for loss compensation on mosaics at the Worcester Art Museum 313

Discussions 323

Horizons de la conservation / Perspectives / Present directions / Future prospects of conservation

(Président de séance/ Session chairman: Gaël de Guichen)

Rodríguez González José Luis, Methodology, study and treatment of an Arabic Almofasa in Toledo 331

Fauquet Fabricia, Florenzano Michel, El Jem, la maison d’Africa: Restitution numérique des sols pavés de mosaïques dans leur contexte architectural 343

Demas Martha, Ancient mosaics *in situ*: A project of the Getty Conservation Institute for Conservation of Mosaics in archaeological sites 353

Ben Abed Aïcha, Une nouvelle politique de conservation des mosaïques en Tunisie 361

Discussions 367

Posters

Abou Bakr El Khousht Amira, Documented photographs showing the various steps for the conservation of mosaic discovered in 1993 in Alexandria District, where the new Alexandrian Library is now being erected 375

Carvalho Dias Ana, Krougly Laurence, Monraval Sapiña Magdalena, Sauvegarde et présentation “in situ” des mosaïques de la “villa” romaine de Torre de Palma (Monforte, Portugal) 379

Ghalia Taher, Mise en valeur des mosaïques chrétiennes de Tafekhsite–Chatt Menzel Yahia (région de Kélibia) 387

Hiotis Andonis, The North Market mosaics at ancient Corinth, Greece. Cleaning and consolidation from July to October 1998 (mosaic A, phase A & B) 391

Kanonidis Ioannis O., Mastora Pelli, Preservation of the mosaics at the Rotunda of Agios Georgios, the Basilica of Agios Demetrios and the church of Agia Sofia – Thessaloniki, 1997–1999 403

Kapshitz Haim, The integration of mosaics – an eternal problem 415

Lugari Alessandro, The treatment of lacunae in mosaics: Research towards a methodology 423

Monraval Sapiña Magdalena, Krougly Laurence, Les 80 ans d’une “mosaïque de Musée”. La mosaïque des neuf Muses du Pouaig de Moncada (Valencia, España) 427

Pflaum Miran, Conserving, restoring, and representing very poor and fragmentary remains of mosaics: The mosaics from Ljubljana, Roman *Emona*, in the National Museum of Slovenia 437

Piqué Francesca, Neguer Jacques, Lucherini Bettina, The role of maintenance in the conservation of mosaics *in situ*: Comparative field–testing methodology 445

Conclusions 457

Recommandations Préliminaires / Preliminary Recommendations 461

Arles et Saint-Romain-en-Gal

Heijmans Marc, La ville d'Arles dans l'Antiquité 465

Sintès Claude, Musée de l'Arles antique 467

Blanc Patrick, L'atelier de conservation et de restauration du Musée de l'Arles antique
469

Prisset Jean-Luc, Le site archéologique de Saint-Romain-en-Gal 473

Lasfarges Jacques, Le Musée de Saint-Romain-en-Gal 475

Chantriaux-Vicard Évelyne, L'atelier de restauration de mosaïques de Saint-Romain-en-Gal
477

Liste des participants 481

Précédentes conférences de l'ICCM et Actes de Conférences de l'ICCM 493

9: 8th ICCM CONFERENCE

*Εντοίχια και Επιτραπέζια Ψηφιδωτά: Συντήρηση, Διατήρηση, Παρουσίαση
Θεσσαλονίκη, 29 Οκτωβρίου – 3 Νοεμβρίου 2002
Wall and Floor Mosaics: Conservation, Maintenance, Presentation
Thessaloniki, 29 October–3 November 2002
Proceedings of the VIIIth Conference of the International Committee for the Conservation
of Mosaics
Editor: Ch.Bakirtzis, with the assistance of K. Raptis and P. Mastora
European Centre of Byzantine and Post-Byzantine Monuments, Ephoreia of Byzantine
Antiquities of Thessaloniki, Thessaloniki 2005
With the support of Hellenic Ministry of Culture, ICCROM and The Getty Conservation
Institute
Pages 1-524
Dimensions 0,234 X 0,160 (paper)*

CONTENTS

Committees 4

Contents 5

List of authors 9

Demetrios Michaelides, President of the International Committee for the Conservation of
Mosaics, Εναρκτήρια ομιλία / Opening speech 11

Nikos Zias, President of the European Centre of Byzantine and Post-Byzantine Monuments,
Χαιρετισμός / Address 16

Ch. Bakirtzis, Ephor of Byzantine Antiquities of Thessaloniki, Πρόλογος / Forward 20

Theme 1st: History and Theory 31

Federico Guidobaldi, Claudia Angelelli, I rivestimenti parietali in marmo (incrustationes):
La tecnica di fabbricazione e posa in opera come base del progetto di conservazione
33

Andrea Paribeni, Metodologie e pratiche di intervento nei cantieri di restauro musivo del-
l'Italia Centro Meridionale nella seconda metà del XIX secolo 45

Angelo Maria Ardivino, Il caso del mosaico di Alessandro di Pompei: Sguardo sull'ideologi-
a selettiva della conservazione nell'Ottocento, e riflessioni per il restauro di mosaici
già restaurati 63

Claudia Tedeschi, Cetty Muscolino, Il pavimento musivo di San Vitale: Nuove osservazioni

riguardanti l'aula ottagonale 73

John Stewart, Steve Cosh, Protection of *in situ* mosaics: Lessons from England 1738–1939 81

Henry Maguire, Ann Terry, The wall mosaics in the cathedral at Poreč: Issues of restoration, 101

Katerina Mavromichali, Αρχαίες επεμβάσεις σε ψηφιδωτά (Ancient interventions on mosaics) 111

José María Blázquez Martínez, Mosaics of Roman Spain restored in the Antiquity 127

Christos Argyrou, Mosaics through teaching History and Art in Secondary Education of Cyprus. Realities and perspectives 137

Theme 2nd: Conservation 145

Krzysztof Chmielewski, Conservation of Byzantine floor mosaics from Shhim in Lebanon. Technic and aesthetic problems, present state and prospects in the future 147

Antonio Cassio, Roberto Nardi, Kristian Schneider, Zeugma mosaics restoration project 155

Livia Alberti, Cetty Muscolino, The conservation of the mosaics of San Vitale in Ravenna, Italy, 1989–1999: Construction technique and treatment methodology 169

Lucrezia Ungaro, Massimo Vitti, Il restauro dei mosaici geometrici dei Mercati di Traiano a Roma 181

Arja Karivieri, Floor mosaics in the Early Christian Basilica in Arethousa: Conservation, maintenance and presentation 191

Demetrios Chrysopoulos, Elisavet Anamaterou, Επαναποθέτηση ψηφιδωτού *in situ* με τη μεθοδολογία των φορητών κατασκευών σε οπλισμένο κονίαμα (Returning a mosaic *in situ* using the methodology of portable structures in reinforced mortars) 203

Ioannis Karatasios, Panagiotis Theoulakis, Belinda Colston, David Watt, Vasilios Lampropoulos, Vasilis Kilikoglou, Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 209

Paula Artal-Isbrand, Alisa Vignalo, The Worcester Hunt mosaic: A sixty-eight-year treatment history 223

Demetrios Chrysopoulos, Πρώτες σωστικές και καθολικές επεμβάσεις στα εντοιχία ψηφιδωτά της Μονής Δαφνίου μετά τους σεισμούς της 7ης Σεπτεμβρίου 1999 (First salvage and general interventions in the wall mosaic of the Monastery of Daphni after the earthquakes of 7th September 1999) 235

Theme 3rd: Maintenance and documentation 243

Angelo Maria Ardivino, Elisabetta Galletti, Sara Masseroli, Una scheda come strumento conoscitivo di tecnologie esecutive e di successioni di restauri nel mosaico antico 245

Tatiana Clementi, Una banca dati computerizzata per il mosaico: Risultati del test sui pavimenti romani di Padova (Italia) 255

- Giuliano de Felice, The documentation during conservation of the mosaics of Zeugma, Turkey 265
- Nicky Davidov, Jacques Neguer, Mosaic conservation planning based on rectified photography and standard PC software. The case: Kathisma Project, Jerusalem, Israel 275
- Évelyne Chantreaux-Vicard, Christophe Laporte, Marion Hayes, Andréas Phoungas, Maurice Simon, Maintenance et présentation *in situ* à Saint-Romain-en-Gal 287
- Jacques Neguer, Integrative maintenance planning for the archaeological sites in the territory of Caesarea Maritima, Israel: Maintenance and monitoring mosaics planning 297
- Chiara Zizola, Conservation and maintenance of floor mosaics in archaeological areas 311
- Roberto Nardi, The conservation of Zeugma 331
- Thomas Roby, Livia Alberti, Aïcha Ben Abed, Training of technicians for the maintenance of mosaics *in situ*: A Tunisian experience 347
- Denis Weidmann, Fred Girardet, Contrôle climatique de mosaïques *in situ* sous abris 359

Theme 4th : Presentation 367

- Claudia Angelelli, Les pavements en *opus sectile* de la villa romaine de Cazzanello (Tarquini, VT): La recherche archéologique et le projet de conservation et restauration 369
- Elena Nencini, Studio e progetto di restauro per i 34 lacerti musivi del triclinium del Palazzo di Teodorico a Ravenna 383
- Angelo Pellegrino, Tonino Costabile, Musealizzazione di una villa con mosaici a Dragoncello (Ostia) 393
- Francesca Morandini, Filli Rossi, Una casa romana al museo: Scavo, conservazione e allestimento di un gruppo importante di mosaici da Brescia (Italia del Nord) 405
- Mustafâ H. Aydogdu, Approach to cultural heritage of the GAP region in Turkey 419
- Christos Alaveras, Pictorial intervention in the presentation of the mosaics in Saint Sophia, Thessaloniki 427

Round Table: Mosaics of Rotunda of Thessaloniki: Conservation, Maintenance, Presentation 433

- Charalambos Bakirtzis, Εισαγωγή / Introduction 435
- Jean-Michel Spieser, Remarques sur les mosaïques de la Rotonde de Thessalonique 437
- Eutychia Kourkoutidou-Nikolaïdou, Η πρώτη φάση εργασιών συντήρησης των ψηφιδωτών της Ροτόντας (1978-1994) (The first phase of the conservation work on the mosaics of the Rotunda, 1978-1994) 447
- Charalambos Bakirtzis, Pelli Mastora, Η συντήρηση των ψηφιδωτών της Ροτόντας (1995-1999) (The conservation of the mosaics of the Rotunda, 1995-1999) 457
- Iliadis Ioannis, Το φυσικό φως και τα ψηφιδωτά του τρούλλου της Ροτόντας στη Θεσσαλονίκη (Natural light and the mosaics of the dome of the Rotunda of Thessaloniki) 467
- Charalambos Bakirtzis, Συμπεράσματα / Conclusions 479

Posters 481

Maria de Fátima Abracos, Les mosaïques romaines du Musée National d'Archéologie, Lisbonne 483

Francesca Attardo, Simona Frizzi, Pamela Gambogi, Giovanni Roncaglia, Nuovi pavimenti musivi dalla villa dei Domizi Enobarbi di Santa Liberata. Restauro *in situ* e conservazione 491

Charalambos Bakirtzis, Pelli Mastora, Nikos Pitsalidis, Conservation, maintenance, and presentation of the wall mosaics in the Basilica of Saint Demetrios, Thessaloniki: Principles, methods, and results 501

Rocco Laviano, Fabrizio Vona, Felicia La Viola, Antonella Martinelli, Fulvia Passiatore, I mosaici pavimentali del VI secolo della cattedrale di Barletta 513

10: 9th ICCM CONFERENCE

Lessons Learned, Reflecting on the Theory and Practice of Mosaics Conservation/Leçons retenues: Les enseignements tirés des expériences passées dans le domaine de la conservation des mosaïques

Hammamet, Tunisia, November 29–December 3, 2005

Proceedings of the 9th Conference of the International Committee for the Conservation of Mosaics

Editors: Aïcha Ben Abed, Martha Demas, and Thomas Roby

Institut National du Patrimoine, The Getty Conservation Institute, International Committee for the Conservation of Mosaics, Los Angeles 2008

With the support of ICCROM and the University of Cyprus

ISBN: 978-0-89236-920-1

© 2008 J. Paul Getty Trust

Pages I-X, 1-417

Dimensions 0,278 X 0,229 (paper)

CONTENTS

Contents v

Timothy P. Whalen, Director, The Getty Conservation Institute, Mohammed Béji Ben Mami, Director-General, Institut National du Patrimoine, Tunisia, Foreword xi

Timothy P. Whalen, Mohammed Béji Ben Mami, Avant-propos xii

Aïcha Ben Abed, Martha Demas, Thomas Roby, Acknowledgments xv

Aïcha Ben Abed, Martha Demas, Thomas Roby, Remerciements xvi

Demetrios Michaelides, Opening remarks of the President of the ICCM on the occasion of the 9th Conference xvii

Demetrios Michaelides, Allocution d'ouverture du Président de l'ICCM à l'occasion de la 9e Conférence xix

Aïcha Ben Abed, Martha Demas, Thomas Roby, Introduction 1

Aïcha Ben Abed, Martha Demas, Thomas Roby, Introduction 3

Part One: Evaluating Mosaic Practice

Gaël de Guichen, Roberto Nardi, Mosaic conservation: Fifty years of modern practice 9

Martha Demas, Thomas Roby, Neville Agnew, Giorgio Capriotti, Niki Savvides, and Demetrios Michaelides, Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 15

Évelyne Chantriaux, Marion Hayes, Christophe Laporte, Andréas Phoungas et Maurice

- Simon, Bilan d'opérations réalisées par l'Atelier de Saint-Romain-en-Gal 26
- Francesca Piqué, Rachel Burch, Thomas Roby, and Martha Demas, Learning from the literature: A review of published works on mosaic deterioration and conservation treatments 33
- Denis Weidmann, Orbe-Boscéaz (Canton de Vaud, Suisse) 1975-2005: 30 ans de réflexions sur la conservation d'anciennes et de nouvelles mosaïques 46
- Jaroslaw Dobrowolski, Villa of the Birds five years later: Early Roman mosaics in Alexandria, Egypt 51
- Charalambos Bakirtzis, Pelli Mastora, Styliani Vassiliadou, and Nikos Pitsalidis, Lessons learned in theory and practice of mosaic treatments: The case of the wall mosaics in the church of the Holy Apostles, Thessaloniki, Greece 57
- Discussion–Session 1: Evaluating Mosaic Practice, Chair: Demetrios Michaelides 64

Part two: Caring for mosaics in museums

- Maria de Fátima Abraços, Conservation et restauration des mosaïques romaines au Portugal – Quelques exemples dans les collections de musées 69
- Carmen Dávila Buitrón, M. Antonia Moreno Cifuentes, Conservation d'un ensemble d'*emblemata* du Musée Archéologique National 75
- Maja Frankovic, Inadequate storage conditions: Causes of deterioration of mosaics in a museum environment 85
- Marie-Laure Courboulès, Abdelkader Bensalah, Mouloud Derram et Mohamed Chérif Hamza, Coopération algéro-française pour la préservation de collections anciennes de mosaïques des musées algériens 91
- Robert (Chip)Vincent, Conservation and display of three mosaics in the Greco-Roman Museum, Alexandria, Egypt 100
- C. Mei-An Tsu, Pamela Hatchfield, Christine Kondoleon, and Graig Barnes, Where theory meets practice: The conservation and presentation of a Roman floor mosaic at the Museum of Fine Arts, Boston 108
- Discussion – Session 2: Caring for mosaics in museums, Chair: Federico Guidobaldi 118

Part three: Documenting and assessing sites at risk

- Mustafa Şahin, Derya Şahin, David Parrish, and Werner Jobst, The Mosaic Corpus of Turkey: A new international research project 123
- Fathi Bejaoui, La gestion des pavements de mosaïques découverts fortuitement: Déposer ou conserver *in situ*? 126
- Hande Kökten, Mosaic floors unearthed at rescue excavations in Turkey: A philosophical and ethical evaluation of the decision-making process 131

Part four: Managing sites with mosaics

- Amr Nawar Al Muayyad Al-Azm, Conservation and preservation of mosaics in Syria: The case for a multidisciplinary approach – or new strategies for old problems 139

- Mervat Ma'moun Ha'obsh, Um Er-Rasas (Um Al-Rasas): Preservation of the mosaics at a New World Heritage Site in Jordan 144
- Konstantinos L. Zachos, Conservation and restoration of the Nikopolis mosaics: A program for integrated management and presentation of the archaeological site 151
- Hassan Limane, and Gaetano Palumbo, Les mosaïques de Volubilis (Maroc): Planification de la conservation et de la gestion 160
- Chiara Zizola, The legacy of Nora, Sardinia: A project for the conservation, restoration, and maintenance of mosaics 165
- Discussion – Session 4: Managing sites with mosaics: Chair: Martha Demas 174

Part five: Sheltering mosaics

- John Stewart, Rapid assessment of shelters over mosaics: Methodology and initial results from England 181
- Jacques Neguer, and Yael Alef, Rapid assessment of shelters over mosaics: Initial results from Israel 193
- Sibylla Tringham, and John Stewart, Protective shelters over archaeological sites: A review of assessment initiatives 204
- Demetrios Michaelides, and Niki Savvides, Lessons not learned: The shelters at Kourion, Cyprus 215
- Isabelle Skaf et Yasmine Makaroun Bou Assaf, Une nouvelle approche pour la préservation *in situ* des mosaïques et vestiges archéologiques au Liban: La crypte de l'église Saint-Georges à Beyrouth 224
- Philip Bethel, 140 years of mosaic conservation at Chedworth Roman Villa, United Kingdom 230
- Discussion – Session 5: Sheltering mosaics, Chair: Évelyne Chantreaux 238

Part six: Training of conservation practitioners

- Patrick Blanc et Hani Najjar, Questions d'actualité: La conservation des mosaïques dans le territoire de Gaza, formation de personnel et travaux d'intervention et de préservation des mosaïques *in situ* 245
- Osama Hamdan, Tagrid Shaaban, and Carla Benelli, Experiences in mosaic conservation training in the Middle East 251
- Thomas Roby, Livia Alberti, Elsa Bourguignon, and Aïcha Ben Abed, Training of technicians for the maintenance of in situ mosaics: An assessment of the Tunisian initiative after three years 258
- Aïcha Ben Abed, Une stratégie tunisienne pour conserver la mosaïque 265
- Discussion – Session 6: Training of conservation practitioners, Chair: Jeanne Marie Teutonico 268

Part seven: Case studies

- Michele Macchiarola, and Fiorella Gianluigi, The study of hydraulic lime mortars for the conservation of mosaics 273

- José Lourenço Gonçalves, Reburial versus sheltering: Experiments in preventive conservation of the mosaics in the Roman villa of Rabaçal, Penela, Portugal 281
- Sabah Ferdi et Mohamed Chérif Hamza, Consolidation *in situ* de la mosaïque de la grande basilique de Tipasa, Algérie 289
- Amina-Aïcha Malek et Marie-Laure Courboulès, Les mosaïques de Lambèse, Algérie 294
- Patrick Blanc, La mosaïque de Grand (Vosges, France): Un exemple ancien pour la conservation des vestiges archéologiques sur site 303
- Kent Severson, and Diane Fullick, Backing Roman mosaics with glass fiber reinforced cement 312
- Discussion – Session 7: Case studies, Chair: Fathi Bejaoui and Charalambos Bakirtzis 320

Part eight: Summary conclusions and recommendations

- Jean Marie Teutonico, and Roberto Nardi, Summary conclusions and recommendations 327
- Jean Marie Teutonico, and Roberto Nardi, Conclusions de la conférence 330

Part nine: Posters

- Panayota Assimakopoulou-Atzaka, Eleni Chrysafi, Christine Papakyriakou, Magda Parcharidou–Anagnostou, and Anastassia Pliota, Mosaic icons in Greece: Techniques and methods of conservation 335
- Luc Long, Véronique Blanc-Bijon, Patrick Blanc et Marie-Laure Courboulès, *L’emblema* découvert en mer, au large d’Agde: Technique de fabrication–traitement de conservation 340
- Évelyne Chantriaux, Marion Hayes, Christophe Laporte, Andréas Phoungas et Maurice Simon, La restauration de la mosaïque du VI^e siècle de Qabr Hiram (Liban) par l’atelier de restauration de mosaïques de Saint-Romain-en-Gal 344
- Abdelilah Dekayir, Marc Amouric, Juan Olives, and Abdelkader Chergui, Study of the mineralogical and chemical characteristics of materials used in the construction of Roman mosaics in Volubilis, Morocco, with a view toward their conservation 348
- Salvador Domínguez–Bella, María Luisa Millán Salgado, and Ana Durante Macias, The lifting procedure of the Bacchus mosaic from the Roman villa in Barrio Jarana, Cádiz, Spain 354
- Işıl R. İşiklikaya, Comparison of conventional and photogrammetric documentation of mosaics at the Agora of Perge 358
- Laurence Krougly et J.M. Monraval, Un *emblema* provenant d’Utique conservé au Musée du Louvre 362
- Ilaria Pennati, Carlo Lalli, Annamaria Giusti, Giancarlo Raddi delle Ruote, Giordana Benazzi, and Michele Macchiarola, The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 365
- Aurélié Martin, Problématique posée par les réintégrations des lacunes dans la mosaïque des Monstres Marins de Lambèse-Tazoult, Algérie 369
- Ewa Parandowska, The Byzantine painted floor in Salamiya, Syria: Possibilities for con-

servation and presentation 373

Konstantinos D. Politis, Amr Al-Azm, and Charalambos Bakirtzis, The Syrian mosaic pavement documentation training program 377

Elyas Saffaran, Étude sur l'état de conservation des mosaïques du Musée national d'Iran à partir de vestiges du site archéologique sassanide de Bîchâpour 380

Cristina Boschetti, Anna Corradi, Bruno Fabbri, Cristina Leonelli, Michele Macchiarola, Andrea Ruffini, Sara Santoro, and Paolo Veronesi, Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 385

Y. Selçuk Sener, An assessment of recent in situ conservation treatments of mosaics in Turkey 389

Füsün Tülek, An evaluation of the preservation of reburied mosaics in Cilicia 393

Şehrigül Yeşil Erdek, The lifting of a mosaic from the site of Letoon and its replacement with a replica 397

Authors/Auteurs 403

List of Conference Participants / Liste des participants à la conférence 413

INDEX II
AUTHORS, EDITORS AND CONTRIBUTORS

- A**bd el Hady Mohamed – Deterioration of mosaics in the Mamluk Buildings in Egypt 5, 27
- Abdelouahab Naïma – La mosaïque des Poissons du Musée national des Antiquités d’Alger: Une restauration contestée 8, 273
- Abou Bakr El Khoust Amira – Documented photographs showing the various steps for the conservation of the mosaic discovered in 1993 in Alexandria District, where the new Alexandrian Library is now being erected 8, 375 (p)
- Abrços Maria De Fátima – Les mosaïques romaines du Musée national d’Archéologie, Lisbonne 9, 483 (p)
- Abrços Maria De Fátima – Conservation et restauration des mosaïques romaines au Portugal – Quelques exemples dans les collections de musées 10, 69
- Adams John, Carol Edwards, Mike Corfield, Barry Knight, Jeanne Marie Teutonico – The investigation and conservation of 4th century AD mosaics at Brading Roman Villa, Isle of Wight, England 7, 101
- Agnew Neville, Jerry Podany, Martha Demas – Preservation of excavated mosaics by reburial: Evaluation of some traditional and newly developed materials and techniques 6, 1
- Agnew Neville, Thomas Roby, Martha Demas, Giorgio Capriotti, Niki Savvides, Demetrios Michaelides – Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 10, 15
- Al-Azm Amr – Conservation and preservation of mosaics in Syria: The case for a Multidisciplinary approach-or new strategies for old problems 10, 139
- Al-Azm Amr, Konstantinos D. Politis, Charalambos Bakirtzis – The Syrian mosaic pavement documentation training program 10, 377 (p)
- Alarcão Adília 6 (editor)
- Alarcão Adília – Welcome Address/Boasvindas 6, 241
- Alaveras Christos – Pictorial intervention in the presentation of the mosaics in Saint Sophia, Thessaloniki 9, 427
- *Alberti Livia, Ambra Tomeucci – Intervento di restauro sui mosaici dell’Arco di ingresso al presbiterio della Basilica di S. Vitale a Ravenna 5, 11
- *Alberti Livia, Cetty Muscolino – The conservation of the mosaics of San Vitale in Ravenna, Italy, 1989–1999: Construction technique and treatment methodology 9, 169
- Alberti Livia, Thomas Roby, Aïcha Ben Abed – Training of technicians for the maintenance of mosaics *in situ*: A Tunisian experience 9, 347
- Alberti Livia, Thomas Roby, Elsa Bourguignon, Aïcha Ben Abed – Training of technicians for the maintenance of *in situ* mosaics: An Assessment of the Tunisian initiative after three years 10, 258
- *Albini Romana, Chiara Zizola – Zippori. *In situ* conservation of a floor mosaic in polychrome stones and glass paste 7, 235
- Alef Yael, Jacques Neguer – Rapid assessment of shelters over mosaics: Initial results from Israel 10, 192

- Alexander Margaret – Mosaic conservation in Tunisia a century ago 5, 37
- Alexander Margaret – Closing session / Sessão final 6, 242
- Alexander Margaret – Motion 6, 246
- Alexander Margaret – Welcome and Introduction 7, 9
- Alföldi-Rosenbaum Elisabeth – Mosaic pavements in Anemurium: Problems of lifting and conservation *in situ* 4, 239
- *Altieri Antonella, Domenico Poggi, Sandra Ricci – Mosaic pavements from the *Thermae* of Caracalla (Rome): Biodeterioration and methods of control 7, 249
- Amouric Marc, Abdelilah Dekayir, Juan Olives, Abdelkader Chergui – Study of the mineralogical and chemical characteristics of materials used in the construction of Roman mosaics in Volubilis, Morocco, with a view toward their conservation 10, 348 (p)
- Anamaterou Elisavet, Demetrios Chryssopoulos – Επανατοποθέτηση ψηφιδωτού *in situ* με τη μεθοδολογία των φορητών κατασκευών σε οπλισμένο κονίαμα (Returning a mosaic *in situ* using the methodology of portable structures in reinforced mortar) 9, 203
- Anastasatou Nicoletta, Vassiliki Yiannouli, Cleopatra Papastamatiou – Mosaic floors of ancient Samos: Conservation problems 7, 53
- Andaloro Maria – Tecniche di esecuzione dei mosaici di Monreale 3, 231
- André Pierre, Janine Lancha – De la trace à la restitution des mosaïques *in situ*: La mosaïque aux étoiles de la villa de Torre de Palma (Portugal) 6, 169
- Andreescu Irina – The wall mosaic: History of restoration, evolution of techniques (translated from the French by Elisabeth Schwartzbaum) 1, 20
- Andreescu Irina 2 (contributor)
- Andreescu Irina – Problems of the wall mosaics in Torcello and their documentation 3, 257
- Angelelli Claudia – Les pavements en *opus sectile* de la villa romaine de Cazzanello (Tarquinia, VT): La recherche archéologique et le projet de conservation et restauration 9, 369
- *Angelelli Claudia, Federico Guidobaldi, Filli Rossi – Conservation *in situ* des pavements de marbre du *Capitolium* de Brescia: Étude de la phase originale et des restaurations anciennes et modernes 8, 145
- Antellini Simonetta – Roma, chiesa di Santa Croce in Gerusalemme, Saint Elena's Chapel, restoration of the vault's mosaic 6, 67
- Antonelli Elisabetta – Firenze, Battistero di San Giovanni. Il restauro di un coretto 6, 39
- Ardivino Angelo Maria – *Opus signinum* di fragellae: Conservazione e preparazione per la musealizzazione 5, 59
- Ardivino Angelo Maria – Pavimenti romano-imperiali in *opus sectile* ed altre tecniche da Suasa: Conservazione *in situ* 5, 73
- Ardivino Angelo Maria – Il caso del mosaico di Alessandro di Pompei: Sguardo sull'ideologia selettiva della conservazione nell'Ottocento, e riflessioni per il restauro di mosaici già restaurati 9, 63
- *Ardivino Angelo Maria, Elisabetta Gagetti, Sara Masseroli – Una scheda come strumento

- conoscitivo di tecnologie esecutive e di successioni di restauri nel mosaico antico 9, 245
- Argyrou Christos – Mosaics through teaching History and Art in Secondary Education of Cyprus. Realities and perspectives 9, 137
- Ariño X., F. Puertas, M.T. Blanco, A. Palomo, J.J. Ortega-Calvo, C. Sainz-Jímenez – Characterization of mortar from Italica mosaics: Causes of deterioration 6, 197
- *Artal-Isbrand Paula, Sarah Nunberg – New solutions for loss compensation on mosaics at the Worcester Art Museum 8, 313
- *Artal-Isbrand Paula, Alisa Vignalo – The Worcester Hunt mosaic: A sixty-eight-year treatment history 9, 223
- Aslan Zaki – Assessing the efficiency of protective structures for *in situ* conservation and presentation of mosaics on archaeological sites: A planning and design methodology for architects and site managers 8, 89
- *Assimakopoulou-Atzaka Panayota, Eutychia Kourkoutidou-Nikolaïdou – Les mosaïques prélevées de leur contexte original: Le prix de l'expérience 8, 229
- *Assimakopoulou-Atzaka Panayota, Eleni Chrysafi, Christine Papakyriakou, Magda Parcharidou-Anagnostou, Anastassia Pliota – Mosaic icons in Greece: Techniques and methods of conservation 10, 335 (p)
- Atanassova-Putoux Zornitsa, Luben Prachkov – Structure et état des mosaïques antiques en Bulgarie 8, 203
- *Attardo Francesca, Simona Frizzi, Pamela Gambogi, Giovanni Roncaglia – Nuovi pavimenti musivi dalla villa dei Domizi Enobarbi di Santa Liberata. Restauro *in situ* e conservazione 9, 491 (p)
- Aura De Castro Elvira, Begoña Carrascosa Moliner, Trinidad Pasies Oviedo – Propuesta metodológica para el análisis, estudio y restauración de tres mosaicos romanos aparecidos en la excavación de las cortes de Valencia (España) 6, 111
- Avelló José Luis – Mosaicos romanos de la provincia de León aprovechados como pavimentos o en paredes de edificios modernos 4, 21
- Aydogdu Mustafà H. – Approach to cultural heritage of the GAP region in Turkey 9, 419
- ***B**akirtzis Arghyris, Charalambos Bakirtzis, Pandelis Xydas, Michalis Kamilis – Protection du pavement en mosaïque de la “Basilique de Paul” à Philippes 7, 83
- Bakirtzis Charalambos 9 (editor)
- Bakirtzis Charalambos – Πρόλογος / Forward 9, 20
- Bakirtzis Charalambos – Εισαγωγή / Introduction (Round Table: Mosaics of Rotunda of Thessaloniki) 9, 435
- Bakirtzis Charalambos – Συμπεράσματα / Conclusions (Round Table: Mosaics of Rotunda of Thessaloniki) 9, 479
- Bakirtzis Charalambos, Arghyris Bakirtzis, Pandelis Xydas, Michalis Kamilis – Protection du pavement en mosaïque de la “Basilique de Paul” à Philippes 7, 83
- *Bakirtzis Charalambos, Pandelis Xydas – Les mosaïques d'Amphipolis paléochrétienne:

Conserver et/ou présenter 8, 37

- *Bakirtzis Charalambos, Pelli Mastora – Η συντήρηση των ψηφιδωτών της Ροτόντας (1995-1999) (The conservation of the mosaics of the Rotunda, 1995–1999) 9, 457
- *Bakirtzis Charalambos, Pelli Mastora, Nikos Pitsalidis – Conservation, maintenance, and presentation of the wall mosaics in the Basilica of Saint Demetrios, Thessaloniki: Principles, methods, and results 9, 501 (p)
- *Bakirtzis Charalambos, Pelli Mastora, Styliani Vassiliadou, Nikos Pitsalidis – Lessons learned in theory and practice of mosaic treatments: The case of the wall mosaics in the church of the Holy Apostles, Thessaloniki, Greece 10, 57
- Bakirtzis Charalambos, Konstantinos D. Politis, Amr Nawar Al Muayyad Al-Azm – The Syrian mosaic pavement documentation training program 10, 377 (p)
- Balil Alberto – Mosaico y museo: Consecuencia o alternativa 4, 183
- *Barbier Bernard, Janine Lancha, Robert Goutte – Traitement informatique de l'image: La mosaïque cosmologique de Merida 5, 231
- Barnes Graig, C. Mei-An Tsu, Pamela Hatchfield, Christine Kondoleon – Where theory meets practice: The conservation and presentation of a Roman floor mosaic at the Museum of Fine Arts, Boston 10, 108
- Barov Zdravko – Recent developments in mosaic lifting techniques and new supports for removed floor mosaics 3, 163
- Barrow Jake – The Quapaw Dome project 7, 91
- Basile Giuseppe – Il restauro del mosaico con I.S.S. Primo e Feliciano in S. Stefano Rotondo a Roma 5, 47
- Bassier Claude – Some problems in the conservation of mosaics (translated from the French by Patricia Bonicatti) 1, 67
- Bassier Claude 2 (contributor)
- Bassier Claude – Philosophie de la conservation 3, 57
- Bassier Claude – Restauration d'une mosaïque *in situ* 3, 149
- Bassier Claude – Théorie et pratique de la conservation des mosaïques *in situ* 7, 61
- Bejaoui Fathi – La gestion des pavements de mosaïques découverts fortuitement: Déposer ou conserver *in situ*? 10, 126
- *Bellitti Buscemi Vitina, Paolo Racagni – Quelques réflexions concernant le problème de l'entretien des mosaïques de pavement d'un parc archéologique (Résumé) 4, 247
- Beloto Carlos – Conservación y presentación de los mosaicos de Conimbriga 4, 261
- Beloto Carlos – Novo suporte para mosaico 5, 7
- Beloto Carlos 6 (editor)
- Beloto Carlos – Suportes de resina epoxida sem estrutura rígida 6, 103
- Ben Abed Aïcha – Une nouvelle politique de conservation des mosaïques en Tunisie 8, 361
- Ben Abed Aïcha 10 (editor)
- Ben Abed Aïcha – Une stratégie tunisienne pour conserver la mosaïque 10, 265
- Ben Abed Aïcha, Thomas Roby, Livia Alberti – Training of technicians for the maintenance of mosaics *in situ*: A Tunisian experience 9, 347

- *Ben Abed Aïcha, Martha Demas, Thomas Roby – Acknowledgments 10, XV
- *Ben Abed Aïcha, Martha Demas, Thomas Roby – Introduction 10, 1
- Ben Abed Aïcha, Thomas Roby, Alberti Livia, Elsa Bourguignon – Training of technicians for the maintenance of *in situ* mosaics: An Assessment of the Tunisian initiative after three years 10, 258
- Ben Mami Mohammed Béji, Timothy P. Whalen – Foreword 10, XI
- Benazzi Giordana, Ilaria Pennati, Lalli Carlo, Annamaria Giusti, Giancarlo Raddi delle Ruote, Michele Macchiarola – The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 10, 365 (p)
- Benelli Carla, Osama Hamdan, Shaaban Tagrid – Experiences in mosaic conservation training in the Middle East 10, 251
- Bensallah Abdelkader, Marie-Laure Courboulès, Derram Mouloud, Mohamed Chérif Hamza – Coopération algéro-française pour la préservation de collections anciennes de mosaïques des musées algériens 10, 91
- Berry Janet, John Stewart, Sarah Staniforth – Chedworth Roman Villa: A methodology for the monitoring of *in situ* mosaics 8, 135
- Bertacchi Luisa – I mosaici di Aquileia 3, 1
- Bethel Philip – 140 years of mosaic conservation at Chedworth Roman Villa, United Kingdom 10, 230
- Blanc Patrick – La conservation des mosaïques d'Arles. État de la question 5, 87
- Blanc Patrick 8 (editor)
- Blanc Patrick – L'atelier de conservation et de restauration du Musée de l'Arles antique 8, 469
- Blanc Patrick – La mosaïque de Grand (Vosges, France): Un exemple ancien pour la conservation des vestiges archéologiques sur site 10, 303
- *Blanc Patrick, Laurence Krougly – La basilique épiscopale de Xanthos (Turquie). Problématique de conservation *in situ* et de coopération 7, 31
- *Blanc Patrick, Marie-Laure Courboulès – Deux nouvelles mosaïques de pavement à Alexandrie: Conservation et restauration 8, 209
- *Blanc Patrick, Hani Najar – Questions d'actualité: La conservation des mosaïques dans le territoire de Gaza, formation de personnel et travaux d'intervention et de préservation des mosaïques *in situ* 10, 245
- Blanc Patrick, Luc Long, Véronique Blanc-Bijon, Marie-Laure Courboulès – L'*emblema* découvert en mer, au large d'Agde: Technique de fabrication – traitement de conservation 10, 340 (p)
- Blanc-Bijon Véronique 8 (contributor)
- Blanc-Bijon Véronique, Luc Long, Patrick Blanc, Marie-Laure Courboulès – L'*emblema* découvert en mer, au large d'Agde: Technique de fabrication – Traitement de conservation 10, 340 (p)
- *Blanco Varela M. T., E. Menéndez Méndez, F. Puertas Maroto, A. Palomo Sánchez – Mosaic n° 1 of the House of the Birds at Italica: Characterization of some artificial materials

and decay products 6, 177

Blanco M.T., F. Puertas, A. Palomo, J.J. Ortega-Calvo, X. Ariño, C. Sainz-Jiménez – Characterization of mortar from Itálica mosaics: Causes of deterioration 6, 197

Blázquez Martínez José María – Mosaics of Roman Spain restored in the Antiquity 9, 127

Bonhomme Fanny, Évelyne Chantriaux-Vicard, Christophe Laporte, Marion Hayes, Andréas Phoungas, Maurice Simon – Aspects de la dépose 6, 81

*Bonarrigo Antonino, Giovanni Cucco – Research in the conservation state of mosaics by analysis of dynamic signals—considerations for the following consolidation 4, 171

Bonicatti Patricia 1 (editor and contributor)

*Boschetti Cristina, Anna Corradi, Bruno Fabbri, Cristina Leonelli, Michele Macchiarola, Andrea Ruffini, Sara Santoro, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)

Bourguignon Elsa, Thomas Roby, Alberti Livia, Aïcha Ben Abed – Training of technicians for the maintenance of *in situ* mosaics: An Assessment of the Tunisian initiative after three years 10, 258

Brihuega Jaime – Lección inaugural: Hacia una nueva política para la conservación de Bienes Culturales 4, 3

Burch Rachel, Francesca Piqué, Thomas Roby, Martha Demas – Learning from the literature: A review of published works on mosaic deterioration and conservation treatments 10, 33

Calcagno Giancarlo – Individuazione dello stato di degrado dei materiali di allettamento sui mosaici parietali. Analisi dei distacchi mediante onde sonore nel mosaico del Giudizio Universale e dell' abside maggiore nella cattedra di Torcello, S. Maria Assunta, Venezia 3, 323

Calcagno Giancarlo – Proposta per un procedimento di consolidamento dei mosaici parietali *in situ*, ottenuto mediante depressione 3, 335

Capriotti Giorgio, Thomas Roby, Martha Demas, Neville Agnew, Niki Savvides, Demetrios Michaelides – Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 10, 15

*Carrascosa Moliner Begoña, Elvira Aura de Castro, Trinidad Pasiés Oviedo – Propuesta metodológica para el análisis, estudio y restauración de tres mosaicos romanos aparecidos en la excavación de las cortes de Valencia (España) 6, 111

Carrascosa Moliner Begoña, Trinidad Pasiés Oviedo – The mosaics of Valencia: Current situation of conservation and restoration. The case of the pavements of Calpe (Alicante, Spain) 7, 381 (p)

*Carvalho Dias Ana, Laurence Krougly, Magdalena MonraVal Sapiña – Sauvegarde et présentation *in situ* des mosaïques de la villa romaine de Torre de Palma (Monforte, Portugal) 8, 379 (p)

*Cassio Antonio, Roberto Nardi – Esempi di conservazione *in situ* di mosaici pavimentali

3, 129

- *Cassio Antonio, Roberto Nardi – Pompeya, Casa del bracciale. Intervención conservática en los mosaicos de la fuente 4, 251
- *Cassio Antonio, Roberto Nardi, Kristian Schneider – Zeugma mosaics restoration project 9, 155
- Catalán Mezquíriz Elena, Angel Marcos Martínez – Mosaico báquico de Andelos (Mendigorra–Navarra) 4, 289
- Cerioti Maria Chiara – Proposals for reconstructing missing sections in mosaics 6, 141
- Chalcholiades Miltiades – Welcome and Introduction 7, 4
- Chantriaux Évelyne – Réflexions sur les problèmes posés par la repose et la protection de deux mosaïques de pavement susceptibles d'être reposées *in situ* 3, 185
- Chantriaux-Vicard Évelyne – Deux reposes *in situ* de mosaïques de pavement 4, 37
- *Chantriaux-Vicard Évelyne, Christophe Laporte, Marion Hayes, Andréas Phoungas, Maurice Simon – Éléments de recherche pour une contribution à la conservation des mosaïques *in situ* 5, 139
- *Chantriaux-Vicard Évelyne, Christophe Laporte, Marion Hayes, Andréas Phoungas, Maurice Simon, Fanny Bonhomme – Aspects de la dépose 6, 81
- Chantriaux-Vicard Évelyne 8 (contributor)
- Chantriaux-Vicard Évelyne – L'atelier de restauration de mosaïques de Saint-Romain-en-Gal 8, 477
- *Chantriaux-Vicard Évelyne, Christophe Laporte, Marion Hayes, Andréas Phoungas, Maurice Simon – Maintenance et présentation *in situ* à Saint-Romain-en-Gal 9, 287
- *Chantriaux Évelyne, Marion Hayes, Christophe Laporte, Andréas Phoungas, Maurice Simon – Bilan d'opérations réalisées par l'Atelier de Saint-Romain-en-Gal 10, 26
- *Chantriaux Évelyne, Marion Hayes, Christophe Laporte, Andréas Phoungas, Maurice Simon – La restauration de la mosaïque du VI^e siècle de Qabr Hiram (Liban) par l'Atelier de restauration de mosaïques de Saint-Romain-en-Gal 10, 344 (p)
- Chergui Abdelkader, Abdelilah Dekayir, Marc Amouric, Juan Olives – Study of the mineralogical and chemical characteristics of materials used in the construction of Roman mosaics in Volubilis, Morocco, with a view toward their conservation 10, 348 (p)
- Chérif Hamza Mohamed, Marie-Laure Courboulès, Abdelkader Bensallah, Derram Mouloud, Mohamed Chérif Hamza – Coopération algéro-française pour la préservation de collections anciennes de mosaïques des musées algériens 10, 91
- Chérif Hamza Mohamed, Sabah Ferdi – Consolidation *in situ* de la mosaïque de la grande basilique de Tipasa, Algérie 10, 289
- *Chlouveraki Stephania N., Konstantinos D. Politis – The documentation and conservation of the nave mosaic in the Basilica of Agios Lot at Deir 'Ain 'Abata, Jordan 7, 149
- Chmielewski Krzysztof – Conservation of Byzantine floor mosaics from Shhim in Lebanon. Technic and aesthetic problems, present state and prospects in the future 9, 147
- Christou Demos – Welcome and Introduction 7, 11
- Chrysafi Eleni, Panayota Assimakopoulou-Atzaka, Christine Papakyriakou, Magda Parchari-dou-Anagnostou, Anastassia Pliota – Mosaic icons in Greece: Techniques and meth-

- ods of conservation 10, 335 (p)
- Chryssopoulos Demetrios – Mosaici di Delos. Cause delle distruzioni. Restauro, ripristino estetico-protezione 5, 151
- Chryssopoulos Demetrios – Sopperti: una proposta alternativa 6, 107
- Chryssopoulos Demetrios – Aesthetic restoration and presentation of mosaics 7, 309
- Chryssopoulos Demetrios – Πρώτες σωστικές και καθολικές επεμβάσεις στα εντοιχία ψηφιδωτά της Μονής Δαφνίου μετά τους σεισμούς της 7ης Σεπτεμβρίου 1999 (First salvage and general interventions in the wall mosaics of the monastery of Daphni after the earthquakes of the 7th September 1999) 9, 235
- *Chryssopoulos Demetrios, Elisavet Anamaterou – Επανατοποθέτηση ψηφιδωτού *in situ* με τη μεθοδολογία των φορητών κατασκευών σε οπλισμένο κονίαμα (Returning a mosaic *in situ* using the methodology of portable structures in reinforced mortar) 9, 203
- Cimino Claudio, Michele Piccirillo – Protecting and preserving the mosaics of Jordan: The Madaba Mosaic School for mosaic restoration 7, 365
- Clementi Tatiana – Una banca dati computerizzata per il mosaico: Risultati del test sui pavimenti romani di Padova (Italia) 9, 255
- Colombi Rossella – Considerazioni in margine al tentativo di definire una politica per la salvaguardia dei mosaici e dei siti archeologici 6, 219
- Colston Belinda, Ioannis Karatasios, Panagiotis Theoulakis, David Watt, Vasilios Lampropoulos, Vasilis Kilikoglou – Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 9, 209
- Conforto Maria Letizia – Roma, Terme di Caracalla problemi di conservazione dei pavimenti in mosaico 5, 97
- Cordaro Michele – Il problema delle lacune nei mosaici 3, 365, Appendice: Alcuni esempi di rifacimenti, integrazioni, trattamenti di lacune 3, 370
- Corfield Mike – A framework for the documentation of *in situ* mosaic conservation projects 7, 123
- Corfield Mike, Carol Edwards, Barry Knight, Jeanne Marie Teutonico, John Adams – The investigation and conservation of 4th century AD mosaics at Brading Roman Villa, Isle of Wight, England 7, 101
- Corradi Anna, Cristina Boschetti, Bruno Fabbri, Cristina Leonelli, Michele Macchiarola, Andrea Ruffini, Sara Santoro, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)
- Correia Virgilio H. 6 (editor)
- Corzo Miguel Angel – Welcome and Introduction 7, 6
- Cosh Steve, John Stewart – Protection of *in situ* mosaics: Lessons from England 1738–1939 9, 81
- Costabile Tonino, Angelo Pellegrino – Musealizzazione di una villa con mosaici a Dragoncello (Ostia) 9, 393
- Costanzi Cobau Andreina – The Roman Forum. On-site conservation of floor surfaces during excavation 5, 127
- *Costanzi Cobau Andreina, Nardi Roberto – Conservation and protection of archaeolog-

- ical mosaics: The case of the building of the Nile in Zippori 7, 321
- Courboulès Marie-Laure, Patrick Blanc – Deux nouvelles mosaïques de pavement à Alexandrie: Conservation et restauration 8, 209
- *Courboulès Marie-Laure, Abdelkader Bensallah, Derram Mouloud, Mohamed Chérif Hamza – Coopération algéro-française pour la préservation de collections anciennes de mosaïques des musées algériens 10, 91
- Courboulès Marie-Laure, Amina–Aïcha Malek – Les mosaïques de Lambèse, Algérie 10, 294
- Courboulès Marie-Laure, Luc Long, Véronique Blanc-Bijon, Patrick Blanc – *L'emblema* découvert en mer, au large d'Agde: Technique de fabrication – Traitement de conservation 10, 340 (p)
- Cucco Giovanni – Basilica di S. Maria Assunta di Torcello: Abside centrale. Consolidamento del manto musivo e del suo supporto 3, 375
- Cucco Giovanni – L'insulaire de l'Episcopo de Naples 5, 115
- Cucco Giovanni, Antonino Bonarrigo – Research in the conservation state of mosaics by analysis of dynamic signals—considerations for the following consolidation 4, 171
- D**aszewski Wiktor A. – Remarques sur l'attitude des anciens vis-à-vis de la restauration des mosaïques 8, 245
- Daszewski Wiktor A., Demetrios Michaelides, Gaël de Guichen, Giora Solar – Conclusions 8, 457
- *Davidov Nicky, Jacques Neguer – Mosaic conservation planning based on rectified photography and standard PC software. The case: Kathisma Project, Jerusalem, Israel 9, 275
- *Dávila Buitrón Carmen, Antonia Moreno Cifuentes – Conservation d'un ensemble d'*emblemata* du Musée archéologique national 10, 75
- de Felice Giuliano – The documentation during conservation of the mosaics of Zeugma, Turkey 9, 265
- de la Casa Martínez Carlos 4 (editor)
- de la Casa Martínez Carlos – Introducción 4, XV
- de la Casa Martínez Carlos – Planimetría de los mosaicos de Cuevas de Soria (Soria) 4, 368
- *de la Casa Carlos, Pablo Luis Yagüe, Juan Carlos Zarza – Propuesta de intervención en la villa romana de Cuevas de Soria (España) 5, 105
- de Tommasi Giambattista – A proposal of restoration of mosaics: The case of the mosaics in the Cathedral of Otranto (Le) 4, 321
- *Dekayir Abdelilah, Marc Amouric, Juan Olives, Abdelkader Chergui – Study of the mineralogical and chemical characteristics of materials used in the construction of Roman mosaics in Volubilis, Morocco, with a view toward their conservation 10, 348 (p)
- Demaret Véronique 1 (editor)

- Demas Martha – Ancient mosaics *in situ*: A project of the Getty Conservation Institute for Conservation of Mosaics in archaeological sites 8, 353
- Demas Martha 10 (editor)
- Demas Martha, Jerry Podany, Neville Agnew – Preservation of excavated mosaics by reburial: Evaluation of some traditional and newly developed materials and techniques 6, 1
- Demas Martha, Aïcha Ben Abed, Thomas Roby – Acknowledgments 10, XV
- Demas Martha, Aïcha Ben Abed, Thomas Roby – Introduction 10, 1
- *Demas Martha, Thomas Roby, Neville Agnew, Giorgio Capriotti, Niki Savvides, Demetrios Michaelides – Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 10, 15
- Demas Martha, Francesca Piqué, Rachel Burch, Thomas Roby – Learning from the literature: A review of published works on mosaic deterioration and conservation treatments 10, 33
- Demitry Luca – Misure preventive di conservazione in situ di mosaici pavimentali durante uno scavo di emergenza 5, 161
- Díez Ripa Ángel – Prólogo 4, XIII
- Dobrowolski Jaroslaw – Villa of the Birds five years later: Early Roman mosaics in Alexandria, Egypt 10, 51
- Doménech Manuela – Cronica 4, 405
- *Domínguez-Bella Salvador, María Luisa Millán Salgado, Ana Durante Macías – The lifting procedure of the Bacchus mosaic from the Roman villa in Barrio Jarana, Cádiz, Spain 10, 354 (p)
- Donati Franca, Cesare Fiori, Roberto Mambelli, Paolo Racagni, E. Roncari – Study of a lime–nucleus treated with three different types (acrylic-, silicone-, epoxy-) of resins 4, 147
- Durante Macías Ana, María Luisa Millán Salgado, Salvador Domínguez-Bella – The lifting procedure of the Bacchus mosaic from the Roman villa in Barrio Jarana, Cádiz, Spain 10, 354 (p)

- E**dwards Carol – Conservation of Chilgrove 1 mosaic: Problems caused by incomplete treatments and long-terms storage 5, 173
- *Edwards Carol, Mike Corfield, Barry Knight, Jeanne Marie Teutonico, John Adams – The investigation and conservation of 4th century AD mosaics at Brading Roman Villa, Isle of Wight, England 7, 101
- Ennaïfer Mongi – The restoration and conservation of mosaics in Tunisia (translated from the French by Patricia Bonicatti) 1, 90
- Ennaïfer Mongi – Entretien et gestion du site de Carthage: Programme général – Mesures et solutions prises dans le domaine de la conservation des mosaïques 4, 215

Erder Cevat – Foreword 2, 9
 Erder Cevat – Foreword/ Avant–propos 3, VII, VIII
 Escalera Ureña Jerónimo – The mosaic of “The Good Shepherd” 1, 94
 Escalera Ureña Jerónimo – Coberturas sobre mosaicos en peligro. Cubierta temporal en no contacto con el mosaico 4, 85
 Escalera Ureña Jerónimo – Restauración de los pavimentos de Cuevas de Soria 4, 368
 *Escalera Ureña Jerónimo, María Irene Gómez Pardo – La pianificazione intorno ad una villa di mosaici all’aria aperta 3, 193

Fabbri Bruno, Cristina Boschetti, Anna Corradi, Cristina Leonelli, Michele Macchiarola, Andrea Ruffini, Sara Santoro, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii’s *Nymphaea* mosaics 10, 385 (p)

*Fauquet Fabricia, Michel Florenzano – El Jem, la maison d’Africa: Restitution numérique des sols pavés de mosaïques dans leur contexte architectural 8, 343

Feilden Bernard M. – Foreword 1, 5

Félix Claude, Denis Weidmann, Robert Flatt, Fred Girardet, André Glauser – Analyse des altérations et déformations de mosaïques à Orbe-Boscéaz (Canton de Vaud, Suisse) 7, 169

*Ferdj Sabah, Mohamed Chérif Hamza – Consolidation *in situ* de la mosaïque de la grande basilique de Tipasa, Algérie 10, 289

Fernández Carmelo – Primeros datos acerca del estado de conservación y sus causas, de los pavimentos musivarios bicromos del yacimiento de Julio–Briga (Cantabria–España) 4, 281

*Ferragni Daniela, M. Fotti, Jef. Malliet, Jeanne Marie Teutonico, Giorgio Torraca – *In situ* consolidation of wall and floor mosaics by means of injection grouting techniques 3, 83

Fiorella Gianluigi, Michele Macchiarola – The study of hydraulic lime mortars for the conservation of mosaics 10, 273

*Fiori Cesare, Franca Donati, Roberto Mambelli, Paolo Racagni, E. Roncari – Study of a lime-nucleus treated with three different types (acrylic-, silicone-, epoxy-) of resins 4, 147

*Fiori Cesare, Cetty Muscolino – The church of S. Vitale in Ravenna. Restoration of the mosaics on the entrance arch to the presbytery 5, 185

Fiori Cesare, A. Maria Ianucci, Cetty Muscolino – The restoration of the “sea medallion” from the church of the SS. Apostles in Madaba-Jordan 6, 93

Fiori Cesare, Menicos Menicou, Michele Macchiarola – Examples of deterioration following preservation works on mosaics *in situ* 7, 225

Fiori Cesare, Paola Lopreato, Paola Perpignani – Basilica di Santa Eufemia a Grado: Storia, restauro e indagine scientifica 8, 177

*Fischbacher Verena, Robert Flatt, Fred Girardet, Matthias Kaufmann, Denis Weidmann

- Traitement *in situ* de mosaïques à Orbe-Boscéaz (VD–Suisse) 8, 155
- Flatt Robert, Denis Weidmann, Claude Félix, Fred Girardet, André Glauser – Analyse des altérations et déformations de mosaïques à Orbe-Boscéaz (Canton de Vaud, Suisse) 7, 169
- Flatt Robert, Verena Fischbacher, Fred Girardet, Matthias Kaufmann, Denis Weidmann – Traitement *in situ* de mosaïques à Orbe-Boscéaz (VD-Suisse) 8, 155
- Florenzano Michel, Fabricia Fauquet – El Jem, la maison d’Africa: Restitution numérique des sols pavés de mosaïques dans leur contexte architectural 8, 343
- Fontaine Thomas H.M. – History as a burden. The mosaic collection of the Rheinisches Landesmuseum Trier 8, 293
- Fontanelli Rossano, Pamela Gambogi, Walter Tuccino – Pavimenti musivi della mansio d’età imperiale di Collesalveti (LI) – Problemi di restauro e conservazione *in situ*. Un progetto per la pubblica fruizione 8, 67
- Forgia Elena – Lauro di Nola: Mosaico parietale. Nuovi elementi 5, 317
- Formica Luciano, Antonietta Gallone Galassi, Silvia Rezende de Castro, Marina Rosa – Conservation works and scientific investigations of pebbles mosaics of Villa Litta in Lainate (Milan) 4, 299
- Foschi Enrica – The mosaics of the baths of Sabratha, in Tripolitania: A conservation of methodology for an historical “system” 8, 265
- Fotti M., Daniela Ferragni, Jef Malliet, Jeanne Marie Teutonico, Giorgio Torraca – *In situ* consolidation of wall and floor mosaics by means of injection grouting techniques 3, 83
- Frankovic Maja – Inadequate storage conditions: Causes of deterioration of mosaics in a museum environment 10, 85
- Frizzi Piero, Anna Maria Giusti, Giancarlo Raddi – Restauration d’une mosaïque du Baptistère de Florence: Propositions techniques et méthodologiques 4, 57
- Frizzi Simona, Francesca Attardo, Pamela Gambogi, Giovanni Roncaglia – Nuovi pavimenti musivi dalla villa dei Domizi Enobarbi di Santa Liberata. Restauro *in situ* e conservazione 9, 491 (p)
- Fullick Diane, Kent Severson – Backing Roman mosaics with glass fiber reinforced cement 10, 312
- *Fumo Grazia, Maria Piana – Notizie sul consolidamento dei mosaici absidali di Torcello 3, 353
- G**agetti Elisabetta, Angelo Maria Ardivino, Sara Masseroli – Una scheda come strumento conoscitivo di tecnologie esecutive e di successioni di restauri nel mosaico antico 9, 245
- Gago Francisco, contribution à Janine Lancha – Mosaïques *in situ* en Espagne et au Portugal: État de la question 3, 39
- *Gallone Galassi Antonietta, Silvia Rezende de Castro, Marina Rosa, Luciano Formica – Conservation works and scientific investigations of pebbles mosaics of Villa Litta in

- Lainate (Milan) 4, 299
- *Gambogi Pamela, Walter Tuccino, Rossano Fontanelli – Pavimenti musivi della mansio d'età imperiale di Collesalveti (LI) – Problemi di restauro e conservazione *in situ*. Un progetto per la pubblica fruizione 8, 67
- Gambogi Pamela, Francesca Attardo, Simona Frizzi, Giovanni Roncaglia – Nuovi pavimenti musivi dalla villa dei Domizi Enobarbi di Santa Liberata. Restauro *in situ* e conservazione 9, 491 (p)
- Garcva–Rowe J., J.M. Rguez-Hidalgo, C. Sainz-Jimenez – Mosaicos de Itálica: Ejemplos de deterioro 5, 293
- Ghalia Taher – Mise en valeur des mosaïques chrétiennes de Tafekhsite-Chat Menzel Yahia (région de Kélibia) 8, 387 (p)
- Ghouj Mohammed – The activities of the Department of Antiquities of the Hashemite Kingdom of Jordan 1, 91
- Girardet Fred, Denis Weidmann, Robert Flatt, Claude Félix, André Glauser – Analyse des altérations et déformations de mosaïques à Orbe–Boscéaz (Canton de Vaud, Suisse) 7, 169
- Girardet Fred, Verena Fischbacher, Robert Flatt, Matthias Kaufmann, Denis Weidmann – Traitement *in situ* de mosaïques à Orbe–Boscéaz (VD–Suisse) 8, 155
- Girardet Fred, Denis Weidmann – Contrôle climatique de mosaïques *in situ* sous abris 9, 359
- *Giusti Anna Maria, Giancarlo Raddi, Piero Frizzi – Restauration d'une mosaïque du Baptistère de Florence: Propositions techniques et méthodologiques 4, 57
- Giusti Anna Maria, Ilaria Pennati, Lalli Carlo, Giancarlo Raddi delle Ruote, Giordana Benazzi, Michele Macchiarola – The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 10, 365 (p)
- Glauser André – L'encollage rigide: Un complément intéressant à l'encollage souple traditionnel 5, 325
- Glauser André, Denis Weidmann, Robert Flatt, Claude Félix, Fred Girardet – Analyse des altérations et déformations de mosaïques à Orbe–Boscéaz (Canton de Vaud, Suisse) 7, 169
- Gómez Pardo María Irene, Jerónimo Escalera Ureña – La pianificazione intorno ad una villa di mosaici all'aria aperta 3, 193
- Gonçalves José Lourenço – Reburial versus sheltering: Experiments in preventive conservation of the mosaics in the Roman villa of Rabaçal, Penela, Portugal 10, 281
- Goutte Robert, Bernard Barbier, Janine Lancha – Traitement informatique de l'image: La mosaoque cosmologique de Merida 5, 231
- Grau Luis A., Fernando Reguerras, Pablo Yagüe – Rapto y rescate del héroe: Estudio, recuperación y musealización del mosaico de "Hilas y las ninfas" (Quintana del Marco, León, España) 6, 129
- Guérini Jean-Nöel – Préface 8, 3
- Guex François – Vallon (Canton de Fribourg): Tenants et aboutissants d'une réalisation

en cours 8, 75

Guiachetti Maurizio – Soluzioni architettoniche per la salvaguardia dei mosaici e aree archeologiche: Problema di competenze e non di metodologia 6, 145

Guichen de Gaël 1 (editor)

Guichen de Gaël 2 (editor and contributor)

Guichen de Gaël 3 (editor)

Guichen de Gaël – Intervención especial 4, 135

Guichen de Gaël – Coberturas temporales 4, 345

Guichen de Gaël – Closing session 6, 242

Guichen de Gaël – Welcome and Introduction 7, 12

Guichen de Gaël – (Introduction) 8, 13

Guichen de Gaël, A. Melucco, R. Nardi – Conservation of archaeological mosaics: The state of the problem in the light of a recent international course 5, 333

Guichen de Gaël, Demetrios Michaelides, Giora Solar, Wiktor Daszewski – Conclusions 8, 457

*Guichen de Gaël, Roberto Nardi – Mosaic conservation: Fifty years of modern practice 10, 9

Guidobaldi Federico – La restauration *in situ* des pavements en *opus sectile* 4, 161

*Guidobaldi Federico, Antonio Salvatori – Restaurations des pavements en *opus sectile* exécutés à Rome dès 1900 4, 371

Guidobaldi Federico, Claudia Angelelli, Filli Rossi – Conservation *in situ* des pavements de marbre du *Capitolium* de Brescia: Étude de la phase originale et des restaurations anciennes 8, 145

Guidobaldi Federico, Claudia Angelelli – I rivestimenti parietali in marmo (incrustationes): La tecnica di fabbricazione e posa in opera come base del progetto di conservazione 9, 33

Guimarães Carlos, Isabel Silva – A integração arquitectónica de um mosaico romano no edifício do museu regional de arqueologia de D. Diogo de Sousa-Braga 6, 61

Guimier-Sorbets Anne-Marie – Techniques de la mosaïque grecque aux époques classique et hellénistique: Le trait et la couleur 5, 277

Hadjisavvas Sophocles – Developing a World Heritage Site: The case of Paphos, Cyprus 7, 353

Hadjisavvas Sophocles – Developing a World Heritage Site: The case of Paphos, Cyprus 7, 373 (p)

Hafez Raif – The treatment of mosaic pavements in Syria since 1939 (translated from the French by Patricia Bonicatti) 1, 92

*Hamdan Osama, Tagrid Shaaban, Carla Benelli – Experiences in mosaic conservation training in the Middle East 10, 251

Ha'obsh Ma'moun Mervat – Um Er-Rasas (Um Al-Rasas): Preservation of the mosaics at

a New World Heritage Site in Jordan 10, 144

Hatchfield Pamela, C. Mei-An Tsu, Christine Kondoleon, Graig Barnes – Where theory meets practice: The conservation and presentation of a Roman floor mosaic at the Museum of Fine Arts, Boston 10, 108

Hayes Marion, Évelyne Chantriaux-Vicard, Christophe Laporte, Andréas Phoungas, Maurice Simon – Éléments de recherche pour une contribution à la conservation des mosaïques *in situ* 5, 139

Hayes Marion, Évelyne Chantriaux-Vicard, Christophe Laporte, Andréas Phoungas, Maurice Simon, Fanny Bonhomme – Aspects de la dépose 6, 81

Hayes Marion, Évelyne Chantriaux-Vicard, Christophe Laporte, Andréas Phoungas, Maurice Simon – Maintenance et présentation *in situ* à Saint-Romain-en-Gal 9, 287

Hayes Marion, Évelyne Chantriaux, Christophe Laporte, Andréas Phoungas, Maurice Simon – Bilan d'opérations réalisées par l'Atelier de Saint-Romain-en-Gal 10, 26

Hayes Marion, Évelyne Chantriaux, Christophe Laporte, Andréas Phoungas, Maurice Simon – La restauration de la mosaïque du VI siècle de Qabr Hiram (Liban) par l'Atelier de restauration de mosaïques de Saint-Romain-en-Gal 10, 344 (p)

Heijmans Marc – La ville d'Arles dans l'antiquité 8, 465

Hiotis Andonis – The North Market mosaics at ancient Corinth, Greece. Cleaning and consolidation from July to October 1998 (mosaic A, phase A & B) 8, 391 (p)

*Iannucci A. Maria, Cetty Muscolino, Cesare Fiori – The restoration of the “sea medalion” from the church of the SS. Apostles in Madaba-Jordan 6, 93

Iliadis Ioannis – Το φυσικό φως και τα ψηφιδωτά του τρούλλου της Ροτόντας στη Θεσσαλονίκη (Natural light and the mosaics of the dome of the Rotonda of Thessaloniki) 9, 467

Inman Susan 1 (editor)

Inman Susan 2 (editor)

Inman Susan 3 (editor)

Işiklikaya Işıl R. – Comparison of conventional and photogrammetric documentation of mosaics at the Agora of Perge 10, 358 (p)

Johnson Peter – Mosaico romano de Littlecote 4, 369

Jobst Werner, Şahin Mustafa, Derya Şahin, David Parrish – The Mosaic Corpus of Turkey: A new international research project 10, 123

Johnson Patricia 1 (editor)

Kamilis Michalis, Arghyris Bakirtzis, Charalambos Bakirtzis, Pandelis Xydias – Protection du pavement en mosaïque de la “Basilique de Paul” à Philipppes 7, 83

*Kanonidis Ioannis O., Pelli Mastora – Preservation of the mosaics at the Rotonda of Agios

- Georgios, the Basilica of Agios Demetrios and the church of Agia Sofia – Thessaloniki, 1997–1999 8, 403 (p)
- Kapshitz Haim – The integration of mosaics—an eternal problem 8, 415 (p)
- *Karatasios Ioannis, Panagiotis Theoulakis, Belinda Colston, David Watt, Vasilios Lampropoulos, Vasilis Kilikoglou – Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 9, 209
- Karivieri Arja – Floor mosaics in the Early Christian Basilica in Arethousa: Conservation, maintenance and presentation 9, 191
- Kaufmann Matthias, Verena Fischbacher, Robert Flatt, Fred Girardet, Denis Weidmann – Traitement *in situ* de mosaïques à Orbe-Boscéaz (VD-Suisse) 8, 155
- Kilikoglou Vasilis, Ioannis Karatasios, Panagiotis Theoulakis, Belinda Colston, David Watt, Vasilios Lampropoulos – Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 9, 209
- Knight Barry, Carol Edwards, Mike Corfield, Jeanne Marie Teutonico, John Adams – The investigation and conservation of 4th century AD mosaics at Brading Roman Villa, Isle of Wight, England 7, 101
- Kökten Hande – Mosaic floors unearthed at rescue excavations in Turkey: A philosophical and ethical evaluation of the decision-making process 10, 131
- Kondoleon Christine, C. Mei-An Tsu, Pamela Hatchfield, Graig Barnes – Where theory meets practice: The conservation and presentation of a Roman floor mosaic at the Museum of Fine Arts, Boston 10, 108
- Kosinka Jan – Intervento del restauro nel sacello di San Vittore in Ciel d’Oro presso la Basilica di Sant’Ambrogio a Milano 3, 279
- Kourkoutidou–Nikolaïdou Eutychia – Le restauration des mosaïques murales dans les monuments de Thessalonique 7, 341
- Kourkoutidou-Nikolaïdou Eutychia – Η πρώτη φάση των εργασιών συντήρησης των ψηφιδωτών της Ροτόντας (1978–1994) (The first phase of conservation work on the mosaics of the Rotunda (1978–1994) 9, 447
- Kourkoutidou-Nikolaïdou Eutychia, Panayota Assimakopoulou-Atzaka – Les mosaïques prélevées de leur contexte original: Le prix de l’expérience 8, 229
- Krougly Laurence, Patrick Blanc – La basilique épiscopale de Xanthos (Turquie). Problématique de conservation *in situ* et de coopération 7, 31
- Krougly Laurence, Ana Carvalho Dias, Magdalena Monraval Sapiña – Sauvegarde et présentation *in situ* des mosaïques de la villa romaine de Torre de Palma (Monforte, Portugal) 8, 379 (p)
- Krougly Laurence, Magdalena Monraval Sapiña – Les 80 ans d’une “mosaïque de Musée”. La mosaïque des neuf Muses du Pouaig de Moncada (Valencia, España) 8, 427 (p)
- *Krougly Laurence, J. M. Monraval – Un *emblema* provenant d’Utique conservé au Musée du Louvre 10, 362 (p)

- La Viola Felicia, Rocco Laviano, Fabrizio Vona, Antonella Martinelli, Fulvia Passiatore – I mosaici pavimentali del VI secolo della cattedrale di Barletta 9, 513 (p)
- Lalli Carlo, Ilaria Pennati, Annamaria Giusti, Giancarlo Raddi delle Ruote, Giordana Benazzi, Michele Macchiarola – The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 10, 365 (p)
- Lamas Joana 6 (contributor)
- *Lancha Janine, avec une contribution de Francisco Gago – Mosaïques *in situ* en Espagne et au Portugal: État de la question 3, 39
- Lancha Janine, Bernard Barbier, Robert Goutte – Traitement informatique de l'image: La mosaïque cosmologique de Merida 5, 231
- *Lancha Janine, P. André – De la trace à la restitution des mosaïques *in situ*: La mosaïque aux étoiles de la villa de Torre de Palma (Portugal) 6, 169
- Lampropoulos Vasilios, Ioannis Karatasios, Panagiotis Theoulakis, Belinda Colston, David Watt, Vasilis Kilikoglou – Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 9, 209
- Laporte Christophe, Évelyne Chantriaux-Vicard, Marion Hayes, Andréas Phoungas, Maurice Simon – Éléments de recherche pour une contribution à la conservation des mosaïques *in situ* 5, 139
- Laporte Christophe, Évelyne Chantriaux-Vicard, Marion Hayes, Andréas Phoungas, Maurice Simon, Fanny Bonhomme – Aspects de la dépose 6, 81
- Laporte Christophe, Évelyne Chantriaux-Vicard, Marion Hayes, Andréas Phoungas, Maurice Simon – Maintenance et présentation *in situ* à Saint Romain en Gal 9, 287
- Laporte Christophe, Évelyne Chantriaux, Marion Hayes, Andréas Phoungas, Maurice Simon – Bilan d'opérations réalisées par l'Atelier de Saint-Romain-en-Gal 10, 26
- Laporte Christophe, Évelyne Chantriaux, Marion Hayes, Andréas Phoungas, Maurice Simon – La restauration de la mosaïque du VIe siècle de Qabr Hiram (Liban) par l'Atelier de restauration de mosaïques de Saint-Romain-en-Gal 10, 344 (p)
- Lasfarges Jacques – Le Musée de Saint-Romain-en-Gal 8, 475
- Laurenti Maria Concetta – On-site protection of mosaics: Covering and protecting archaeological remains 7, 289
- Lavagne Henri – The conservation of pavement mosaics before Modern Times: A selection from the mosaic of Gaul (translated from the French by Patricia Bonicatti) 1, 15
- Lavagne Henri 2 (editor and contributor)
- Lavagne Henri – Une mosaïque pariétale d'époque romaine: Problèmes de conservation 3, 215
- *Laviano Rocco, Fabrizio Vona, Felicia La Viola, Antonella Martinelli, Fulvia Passiatore – I mosaici pavimentali del VI secolo della cattedrale di Barletta 9, 513 (p)
- Leonelli Cristina, Cristina Boschetti, Anna Corradi, Bruno Fabbri, Michele Macchiarola, Andrea Ruffini, Sara Santoro, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)
- *Limane Hassan, Gaetano Palumbo – Les mosaïques de Volubilis (Maroc): Planification de

la conservation et de la gestion 10, 160

*Long Luc, Véronique Blanc-Bijon, Patrick Blanc, Marie-Laure Courboulès – *L'emblema* découvert en mer, au large d'Agde: Technique de fabrication – Traitement de conservation 10, 340 (p)

López de Azcona María Concepción, Francisco Mingarro Martín – Estudio petrológico de teselas para la conservación de mosaicos 4, 107

*López Azcona María Concepción, Francisco Mingarro Martín – Estudio petrológico de los mosaicos de Itálica. Sevilla 5, 305

*Lopreato Paola, Cesare Fiori, Paola Perpignani – Basilica di Santa Eufemia a Grado: Storia, restauro e indagine scientifica 8, 177

Lucherini Bettina, Francesca Piqué, Jacques Neguer – The role of maintenance in the conservation of mosaics *in situ*: Comparative field-testing methodology 8, 445 (p)

Lugari Alessandro – The treatment of lacunae in mosaics: Research towards a methodology 8, 423 (p)

Luz Afonso Simonetta – Closing session 6, 242

Macchiarola Michele, Menicos Menicou, Cesare Fiori – Examples of deterioration following preservation works on mosaics *in situ* 7, 225

*Macchiarola Michele, Fiorella Gianluigi – The study of hydraulic lime mortars for the conservation of mosaics 10, 273

Macchiarola Michele, Ilaria Pennati, Lalli Carlo, Annamaria Giusti, Giancarlo Raddi delle Ruote, Giordana Benazzi – The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 10, 365 (p)

Macchiarola Michele, Cristina Boschetti, Anna Corradi, Bruno Fabbri, Cristina Leonelli, Andrea Ruffini, Sara Santoro, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)

*Maguire Henry, Ann Terry – The wall mosaics in the Cathedral at Poreč: Issues of restoration 9, 101

Majewski Lawrence – The cleaning, consolidation and treatment of wall mosaics 1, 54

Makaroun Bou Assaf Yasmine, Isabelle Skaf – Une nouvelle approche pour la préservation *in situ* des mosaïques et vestiges archéologiques au Liban: La crypte de l'église Saint-Georges à Beyrouth 10, 224

*Malek Amina-Aïcha, Marie-Laure Courboulès – Les mosaïques de Lambèse, Algérie 10, 294

Malliet Jef, Daniela Ferragni, M. Fotti, Jeanne Marie Teutonico, Giorgio Torraca – *In situ* consolidation of wall and floor mosaics by means of injection grouting techniques 3, 83

Mambelli Roberto, Cesare Fiori, Franca Donati, Paolo Racagni, E. Roncari – Study of a lime-nucleus treated with three different types (acrylic-, silicone-, epoxy-) of resins 4, 147

*Manucci Vanni, Giangiacomo Martines – Mosaici pavimentali in una città archeologica: Proposte di uso e manutenzione 3, 199

- Mañueco Alonso Jesús – Presentación 5, 3
- *Marcos Fierro Rosa, Francisco Javier Alonso Rodríguez – Identificación petrográfica de teselas de mosaicos romanos zamoranos (España), con vistas a su conservación 6, 203
- Margalit Ze'ev – The conservation of mosaics *in situ*: An alternative to shelters 7, 299
- Margalit Ze'ev – The magic touch of mosaic maintenance 8, 53
- Marinelli Giuseppe – Some experiments in the use of epoxy resins for impregnation of the nucleus 1, 47
- Marino Luigi – Relevé «d'urgence» et «relevé dynamique» de dallages mosaïques 7, 157
- *Marino Luigi, Cinzia Nenci, Claudia Santella – Il mosaico pavimentale della cattedrale di Santa Reparata a Firenze: Problemi di conservazione e di musealizzazione 8, 163
- Marreiros Luís Soromenho – Meios arquitectónicos de protecção de mosaicos: Os casos de Conimbriga e Torre de Palma 6, 151
- Martin Aurélie – Problématique posée par les réintégrations des lacunes dans la mosaïque des Monstres Marins de Lambèse-Tazoult, Algérie 10, 369 (p)
- Martinelli Antonella – Un'esperienza di reinterro: La *villa* marittima di Cala Padovano 6, 21
- Martinelli Antonella, Rocco Laviano, Fabrizio Vona, Felicia La Viola, Fulvia Passiatore – I mosaici pavimentali del VI secolo della cattedrale di Barletta 9, 513 (p)
- Martines Giangiacomo, Vanni Manucci – Mosaici pavimentali in una città archeologica: Proposte di uso e manutenzione 3, 199
- * Marcos Martínez Ángel, Elena Catalán Mezquíriz – Mosaico báquico de Andelos (Mendigorría-Navarra) 4, 289
- Masseroli Sara, Angelo Maria Ardovino, Elisabetta Gagetti – Una scheda come strumento conoscitivo di tecnologie esecutive e di successioni di restauri nel mosaico antico 9, 245
- Mastora Pelli 9 (contributor)
- Mastora Pelli, Ioannis Kanonidis O. – Preservation of the mosaics at the Rotunda of Agios Georgios, the Basilica of Agios Demetrios and the church of Agia Sofia – Thessaloniki, 1997–1999 8, 403 (p)
- Mastora Pelli, Charalambos Bakirtzis – Η συντήρηση των ψηφιδωτών της Ποτόντας (1995–1999) (The conservation of the mosaics of the Rotonda, 1995–1999) 9, 457
- Mastora Pelli, Charalambos Bakirtzis, Nikos Pitsalidis – Conservation, maintenance, and presentation of the wall mosaics in the Basilica of Saint Demetrios, Thessaloniki: Principles, methods, and results 9, 501 (p)
- Mastora Pelli, Charalambos Bakirtzis, Styliani Vassiliadou, Nikos Pitsalidis – Lessons learned in theory and practice of mosaic treatments: The case of the wall mosaics in the church of the Holy Apostles, Thessaloniki, Greece 10, 57
- Mavromichali Katerina – Αρχαίες επεμβάσεις σε ψηφιδωτά (Ancient interventions on mosaics) 9, 111
- Melucco Vaccaro Alessandra – Philosophies favouring *in situ* conservation 7, 17
- *Melucco A., G. de Guichen, R. Nardi – Conservation of archaeological mosaics: The

- state of the problem in the light of a recent international course 5, 333
- *Melucco A., G. de Guichen, R. Nardi – Conservation of archaeological mosaics: The state of the problem in the light of a recent international course 5, 333
- Menéndez Méndez E., M.T. Blanco Varela, F. Puertas Maroto, A. Palomo Sánchez – Mosaic n° 1 of the House of the Birds at Italica: Characterization of some artificial materials and decay products 6, 177
- *Menicou Menicos, Cesare Fiori, Michele Macchiarola – Examples of deterioration following preservation works on mosaics *in situ* 7, 225
- Mercier Michel – Allocution de bienvenue à Saint-Romain-en-Gal 8, 17
- Michaelides Demetrios 7 (editor)
- Michaelides Demetrios – Preface 7, V
- Michaelides Demetrios – Welcome and Introduction 7, 3
- Michaelides Demetrios – (Introduction) 8, 11
- Michaelides Demetrios – Εναρκτήρια ομιλία/Opening speech 9, 11
- Michaelides Demetrios – Opening remarks of the President of the ICCM on the occasion of the 9th Conference 10, XVII
- Michaelides Demetrios, Gaël de Guichen, Giora Solar, Wiktor A. Daszewski – Conclusions 8, 457
- Michaelides Demetrios, Thomas Roby, Martha Demas, Neville Agnew, Giorgio Capriotti, Niki Savvides – Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 10, 15
- *Michaelides Demetrios, Niki Savvides – Lessons not learned: The shelters at Kourion, Cyprus 10, 215
- Millán Salgado María Luisa, Salvador Domínguez-Bella, Ana Durante Macías – The lifting procedure of the Bacchus mosaic from the Roman villa in Barrio Jarana, Cádiz, Spain 10, 354 (p)
- *Mingarro Martín Francisco, María Concepción López de Azcona – Estudio petrológico de teselas para la conservación de mosaicos 4, 107
- Mingarro Martín Francisco, María Concepción López Azcona – Estudio petrológico de los mosaicos de Italica. Sevilla 5, 305
- Monraval Sapiña Magdalena, Ana Carvalho Dias, Laurence Krougly – Sauvegarde et presentation *in situ* des mosaïques de la villa romaine de Torre de Palma (Monforte, Portugal) 8, 379 (p)
- *Monraval Sapiña Magdalena, Laurence Krougly – Les 80 ans d’une “mosaïque de Musée”. La mosaïque des neuf Muses du Pouaig de Moncada (Valencia, España) 8, 427 (p)
- Monraval J.M., Laurence Krougly – Un *emblema* provenant d’Utique conservé au Musée du Louvre 10, 362 (p)
- Mora Paolo 2 (editor and contributor)
- Mora Paolo – Introduction 2, 11
- Mora Paolo – Introduction 3, XI
- *Morandini Francesca, Filli Rossi – Una casa romana al museo: Scavo, conservazione e

- allestimento di un gruppo importante di mosaici da Brescia (Italia del Nord) 9, 405
- Moreno Cifuentes Antonia, Carmen Dávila Buitrón – Conservation d'un ensemble d'*emblemata* du Musée Archéologique National 10, 75
- Mouloud Derram – Restauration de la mosaïques des Poissons au Musée national des Antiquités d'Alger 8, 279
- Mouloud Derram, Marie-Laure Courboulès, Abdelkader Bensallah, Mohamed Chérif Hamza – Coopération algéro-française pour la préservation de collections anciennes de mosaïques des musées algériens 10, 91
- Munday Valerie W. – Experience with a conservation technique at the British Museum 4, 47
- Muscolino Cetty, Cesare Fiori – The church of S. Vitale in Ravenna. Restoration of the mosaics on the entrance arch to the presbytery 5, 185
- Muscolino Cetty, A.M. Ianucci, Cesare Fiori – The restoration of the “sea medallion” from the church of the SS. Apostles in Madaba-Jordan 6, 93
- Muscolino Cetty, Claudia Tedeschi – Il pavimento musivo di San Vitale: Nuove osservazioni riguardanti l'aula ottagonale 9, 73
- Muscolino Cetty, Livia Alberti – The conservation of the mosaics of San Vitale in Ravenna, Italy, 1989-1999: Construction technique and treatment methodology 9, 169
- N**ajar Hani, Patrick Blanc – Questions d'actualité: La conservation des mosaïques dans le territoire de Gaza, formation de personnel et travaux d'intervention et de préservation des mosaïques *in situ* 10, 245
- Nardi Roberto – Critical review of the specialized literature in mosaic conservation 5, 341
- Nardi Roberto – The first step in preventive conservation: The analysis of the problem 6, 185
- Nardi Roberto – Preventive conservation of mosaics at archaeological sites 6, 213
- Nardi Roberto – The treatment of mosaics *in situ* 7, 187
- Nardi Roberto – Conclusions and Closing Remarks 7, 397
- Nardi Roberto – The conservation of Zeugma 9, 331
- Nardi Roberto – Ostia Antica, Piazzale delle Corporazioni: The maintenance of the mosaic floors 8, 45
- Nardi Roberto, Antonio Cassio – Esempi di conservazione *in situ* di mosaici pavimentali 3, 129
- Nardi Roberto, Antonio Cassio – Pompeya, Casa del bracciale. Intervención conservática en los mosaicos de la fuente 4, 251
- Nardi Roberto, Alessandra Melucco, Gaël de Guichen – Conservation of archaeological mosaics: The state of the problem in the light of a recent international course 5, 333
- Nardi Roberto, Andreina Costanzi Cobau – Conservation and protection of archaeological mosaics: The case of the building of the Nile in Zippori 7, 321
- Nardi Roberto, Antonio Cassio, Kristian Schneider – Zeugma mosaics restoration project

9, 155

Nardi Roberto, Gaël de Guichen – Mosaic conservation: Fifty years of modern practice *10*, 9

Nardi Roberto, Jeanne Marie Teutonico – Summary conclusions and recommendations / Conclusions de la conference *10*, 327, 330

Naselli–Flores Girolamo – I mosaici del Duomo di Monreale: Stato di conservazione e restauro (1960–1982) *3*, 295

*Necaskova Milena, Francesca Piqué, Dusan Stulik – Problems and solutions: *In situ* conservation of The Last Judgement mosaic in St. Vitus Cathedral in Prague *7*, 111

Neguer Jacques – Conservation of mosaics *in situ* at Tel Itztaba, Bet She'an, Israel *7*, 203

Neguer Jacques – The Promontory Palace at Caesarea *7*, 375 (p)

Neguer Jacques – Conserve... and forget. Conservation program for the mosaics of archaeological sites in Israel *8*, 29

Neguer Jacques – Integrative maintenance planning for the archaeological sites in the territory of Caesarea Maritima, Israel: Maintenance and monitoring mosaics planning *9*, 297

Neguer Jacques, Francesca Piqué, Bettina Lucherini – The role of maintenance in the conservation of mosaics *in situ*: Comparative field-testing methodology *8*, 445 (p)

Neguer Jacques, Nicky Davidov – Mosaic conservation planning based on rectified photography and standard PC software. The case: Kathisma Project, Jerusalem, Israel *9*, 275

*Neguer Jacques, Yael Alef – Rapid assessment of shelters over mosaics: Initial results from Israel *10*, 193

Nenci Cinzia, Luigi Marino, Claudia Santella – Il mosaico pavimentale della cattedrale di Santa Reparata a Firenze: Problemi di conservazione e di musealizzazione *8*, 163

Nencini Elena – Studio e progetto di restauro per i 34 lacerti musivi del triclinium del Palazzo di Teodorico a Ravenna *9*, 383

Novis William E. – The treatment of some mosaics in England *1*, 95

Novis William E. 2 (editor and contributor)

Novis William E. – The treatment of undulating mosaics *3*, 103

Novis William E. – Communication-description and understanding *4*, 137

Nunberg Sarah, Paula Artal-Isbrand – New solutions for loss compensation on mosaics at the Worcester Art Museum *8*, 313

Olives Juan, Abdelilah Dekayir, Marc Amouric, Abdelkader Chergui – Study of the mineralogical and chemical characteristics of materials used in the construction of Roman mosaics in Volubilis, Morocco, with a view toward their conservation *10*, 348 (p)

Ortega-Calvo J.J., F. Puertas, M.T. Blanco, A. Palomo, X. Ariño, C. Sainz-Jiménez – Characterization of mortar from Italica mosaics: Causes of deterioration *6*, 197

- Palomo A., F. Puertas, M.T. Blanco, J.J. Ortega-Calvo, X. Ariño, C. Sainz-Jiménez – Characterization of mortar from Italica mosaics: Causes of deterioration 6, 197
- Palomo Sánchez A., M.T. Blanco Varela, E. Menéndez Méndez, F. Puertas Maroto – Mosaic nº 1 of the House of the Birds at Italica: Characterization of some artificial materials and decay products 6, 177
- Palumbo Gaetano, Hassan Limane – Les mosaïques de Volubilis (Maroc): Planification de la conservation et de la gestion 10, 160
- *Panayiotopoulou Anastasia, Stella Raftopoulou – Mosaics *will* make a site: Remarks on the excavation and conservation of mosaic pavements at Sparta 7, 41
- *Panayiotopoulou Anastasia, Stella Raftopoulou – La présentation des mosaïques au Musée de Sparte: État actuel et perspectives 8, 303
- Papadopoulou Sharen T. – The values of historical research at the House of Dionysos, Cyprus 8, 255
- Papageorghiou Athanasios – The mosaics of Cyprus: Problems of conservation 3, 31
- Papakyriakou Christine, Panayota Assimakopoulou-Atzaka, Eleni Chrysafi, Magda Parcharidou-Anagnostou, Anastassia Pliota – Mosaic icons in Greece: Techniques and methods of conservation 10, 335 (p)
- Papastamatiou Cleopatra – Temporary restoration method for mosaic floor fragments 7, 389 (p)
- Papastamatiou Cleopatra, Vassiliki Yiannouli, Nicoletta Anastasatou – Mosaic floors of ancient Samos: Conservation problems 7, 53
- Paradowska Ewa – Conservation of mosaics from the early Roman Villa at Kom el Dikka, Alexandria 8, 103
- Paradowska Ewa – The Byzantine painted floor in Salamiya, Syria: Possibilities for conservation and presentation 10, 373 (p)
- Parcharidou-Anagnostou Magda, Panayota Assimakopoulou-Atzaka, Eleni Chrysafi, Christine Papakyriakou, Anastassia Pliota – Mosaic icons in Greece: Techniques and methods of conservation 10, 335 (p)
- Paribeni Andrea – Metodologie e pratiche di intervento nei cantieri di restauro musivo dell'Italia Centro Meridionale nella seconda metà del XIX secolo 9, 45
- Parrish David, Mustafa Şahin, Derya Şahin, Werner Jobst – The Mosaic Corpus of Turkey: A new international research project 10, 123
- Pasies Oviedo Trinidad, Begoña Carrascosa Moliner, Elvira Aura de Castro – Propuesta metodológica para el análisis, estudio y restauración de tres mosaicos romanos aparecidos en la excavación de las cortes de Valencia (España) 6, 111
- *Pasies Oviedo Trinidad, Begoña Carrascosa Moliner – The mosaics of Valencia: Current situation of conservation and restoration. The case of the pavements of Calpe (Alicante, Spain) 7, 381 (p)
- Passiatore Fulvia, Rocco Laviano, Fabrizio Vona, Felicia La Viola, Antonella Martinelli – I mosaici pavimentali del VI secolo della cattedrale di Barletta 9, 513 (p)
- Paton Sara – The Villa Dionysos at Knossos, Crete: Conservation and presentation of the

- mosaics (résumé) 8, 87
- Patsalides Andréas – Welcome and Introduction 7, 10
- Pelem Patrick 2 (contributor)
- Pellecuer Christophe, collaboration à Raymond Rogliano – Un musée de site à Loupian (Hérault, France). Restaurer, présenter et étudier les mosaïques de la *villa* gallo-romaine de Prés-Bas 8, 111
- *Pellegrino Angelo, Tonino Costabile – Musealizzazione di una villa con mosaici a Dragoccello (Ostia) 9, 393
- *Pennati Ilaria, Carlo Lalli, Annamaria Giusti, Giancarlo Raddi delle Ruote, Giordana Benazzi, Michele Macchiarola – The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 10, 365 (p)
- Perpignani Paola, Paola Lopreato, Cesare Fiori – Basilica di Santa Eufemia a Grado: Storia, restauro e indagine scientifica 8, 177
- Petriaggi Roberto – Risultati di un esperimento di protezione di pavimenti in mosaico conservati all'Aperto nel sito di Ostia Antica 5, 255
- Pflaum Miran – Conserving, restoring, and representing very poor and fragmentary remains of mosaics: The mosaics from Ljubljana, Roman *Emona*, in the National Museum of Slovenia 8, 437 (p)
- Philippot Paul – The problem of lacunae in mosaics (translated from the French by Elisabeth Schwartzbaum) 1, 83
- Phoungas Andréas, Évelyne Chantriaux-Vicard, Christophe Laporte, Marion Hayes, Maurice Simon – Éléments de recherche pour une contribution à la conservation des mosaïques *in situ* 5, 139
- Phoungas Andréas, Évelyne Chantriaux-Vicard, Christophe Laporte, Marion Hayes, Maurice Simon, Fanny Bonhomme – Aspects de la dépose 6, 81
- Phoungas Andréas, Évelyne Chantriaux-Vicard, Christophe Laporte, Marion Hayes, Maurice Simon – Maintenance et présentation *in situ* à Saint-Romain-en-Gal 9, 287
- Phoungas Andréas, Évelyne Chantriaux, Marion Hayes, Christophe Laporte, Maurice Simon – Bilan d'opérations réalisées par l'Atelier de Saint-Romain-en-Gal 10, 26
- Phoungas Andréas, Évelyne Chantriaux, Marion Hayes, Christophe Laporte, Maurice Simon – La restauration de la mosaïque du VI siècle de Qabr Hiram (Liban) par l'Atelier de restauration de mosaïques de Saint-Romain-en-Gal 10, 344 (p)
- Piana Maria, Grazia Maria – Notizie sul consolidamento dei mosaic absidali di Torcello 3, 353
- *Piccirillo Michele, Claudio Cimino – Protecting and preserving the mosaics of Jordan: The Madaba Mosaic School for mosaic restoration 7, 365
- Piqué Francesca, Milena Necaskova, Dusan Stulik – Problems and solutions: *In situ* conservation of The Last Judgement mosaic in St. Vitus Cathedral in Prague 7, 111
- *Piqué Francesca, Jacques Neguer, Bettina Lucherini – The role of maintenance in the conservation of mosaics *in situ*: Comparative field-testing methodology 8, 445 (p)
- *Piqué Francesca, Rachel Burch, Thomas Roby, Martha Demas – Learning from the

literature: A review of published works on mosaic deterioration and conservation treatments 10, 33

Pitsalidis Nikos, Charalambos Bakirtzis, Pelli Mastora – Conservation, maintenance, and presentation of the wall mosaics in the Basilica of Saint Demetrios, Thessaloniki: Principles, methods, and results 9, 501 (p)

Pitsalidis Nikos, Charalambos Bakirtzis, Pelli Mastora, Styliani Vassiliadou – Lessons learned in theory and practice of mosaic treatments: The case of the wall mosaics in the church of the Holy Apostles, Thessaloniki, Greece 10, 57

Pliota Anastassia, Panayota Assimakopoulou-Atzaka, Eleni Chrysafi, Christine Papakyriakou, Magda Parcharidou-Anagnostou – Mosaic icons in Greece: Techniques and methods of conservation 10, 335 (p)

*Podany Jerry, Neville Agnew, Martha Demas – Preservation of excavated mosaics by reburial: Evaluation of some traditional and newly developed materials and techniques 6, 1

Poggi Domenico, Antonella Altieri, Sandra Ricci – Mosaic pavements from the *Thermae* of Caracalla (Rome): Biodeterioration and methods of control 7, 249

Politis Konstantinos D., Stephania N. Chlouveraki – The documentation and conservation of the nave mosaic in the Basilica of Agios Lot at Deir 'Ain 'Abata, Jordan 7, 149

*Politis Konstantinos D., Amr Nawar Al Muayyad Al-Azm, Charalambos Bakirtzis – The Syrian mosaic pavement documentation training program 10, 377 (p)

Ponti Gianni, Nicholas Stanley – Price – Protective enclosures for mosaic floors: A review of Piazza Armerina, Sicily, after forty years 7, 275

*Prachkov Luben, Zornitsa Atanassova-Putoux – Structure et état des mosaïques antiques en Bulgarie 8, 203

Prisset Jean-Luc – Le site archéologique de Saint-Romain-en-Gal 8, 473

Puertas Maroto Francisca, M. T. Blanco Varela, E. Menéndez Méndez, A. Palomo Sánchez – Mosaic nº 1 of the House of the Birds at Italica: Characterization of some artificial materials and decay products 6, 177

*Puertas Maroto Francisca, M.T. Blanco, A. Palomo, J.J. Ortega-Calvo, X. Ariño, C. Sainz-Jiménez – Characterization of mortar from Italica mosaics: Causes of deterioration 6, 197

Racagni Paolo, Cesare Fiori, Franca Donati, Roberto Mambelli, E. Roncari – Study of a lime–nucleus treated with three different types (acrylic-, silicone-, epoxy-) of resins 4, 147

Racagni Paolo, Vitina Buscemi Bellitti – Quelques réflexions concernant le problème de l'entretien des mosaïques de pavement d'un parc archéologique 4, 247

Raddi delle Ruote Giancarlo, Anna Maria Giusti, Piero Frizzi – Restauration d'une mosaïque du Baptistère de Florence: Propositions techniques et méthodologiques 4, 57

Raddi delle Ruote Giancarlo, Ilaria Pennati, Lalli Carlo, Annamaria Giusti, Giordana Benazzi,

- Michele Macchiarola – The project for the conservation, maintenance, and utilization of the pavement of the Cathedral in Spoleto, Italy 10, 365 (p)
- Raftopoulou Stella, Anastasia Panayiotopoulou – Mosaics *will* make a site: Remarks on the excavation and conservation of mosaic pavements at Sparta 7, 41
- Raftopoulou Stella, Anastasia Panayiotopoulou – La présentation des mosaïques au Musée de Sparte: État actuel et perspectives 8, 303
- Raptis Konstantinos 9 (contributor)
- Rava Antonio – Un problema di consolidamento delle superfici musive all’aperto. I mosaici di Prampolini e Depero all’ E. U. R. 6, 45
- *Reguerras Fernando, Pablo Yagüe, Luis A. Grau – Rapto y rescate del heroe: Estudio, recuperación y musealización del mosaico de “Hilas y las ninfas” (Quintana del Marco, León, España) 6, 129
- Rezende de Castro Silvia, Antonietta Gallone Galassi, Marina Rosa, Luciano Formica – Conservation works and scientific investigations of pebbles mosaics of Villa Litta in Lainate (Milan) 4, 299
- Ricci Sandra, Antonella Altieri, Domenico Poggi – Mosaic pavements from the Thermae of Caracalla (Rome): Biodeterioration and methods of control 7, 249
- *Rguez-Hidalgo J. M., J. Garcva–Rowe, C. Sainz–Jímenez – Mosaicos de Itálica: Ejemplos de deterioro 5, 293
- Ríos Domiciano – Pruebas con distintos materiales para hacer soportes de mosaicos 4, 145
- Ríos Santos Domiciano – Consolidación de mosaicos romanos con cal en la villa romana de la Olmeda 5, 269
- Robotti Ciro – On the need to train mosaic restorers 1, 100
- Robotti Ciro – La conservazione *in situ* delle compagini musive pavimentali: Il rilievo per la documentazione 3, 207
- Roby Thomas C. – Consolidation of a floor mosaic during the excavation of a Byzantine church in Petra, Jordan 6, 31
- Roby Thomas – *In situ* stabilization during excavation of Roman floor mosaics severely damaged by root growth and their condition after temporary reburial 7, 211
- Roby Thomas 10 (editor)
- Roby Thomas, Isabelle Skaf – The preservation of detached mosaics: Addressing storage and transportation problems resulting from the large-scale re-development of the central district of Beirut 8, 221
- *Roby Thomas, Livia Alberti, Aïcha Ben Abed – Training of technicians for the maintenance of mosaics *in situ*: A Tunisian experience 9, 347
- Roby Thomas, Aïcha Ben Abed, Martha Demas – Acknowledgments 10, XV
- Roby Thomas, Aïcha Ben Abed, Martha Demas – Introduction 10, 1
- Roby Thomas, Martha Demas, Neville Agnew, Giorgio Capriotti, Niki Savvides, Demetrios Michaelides – Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 10, 15
- Roby Thomas, Francesca Piqué, Rachel Burch, Martha Demas – Learning from the literature: A review of published works on mosaic deterioration and conservation

- treatments 10, 33
- *Roby Thomas, Livia Alberti, Elsa Bourguignon, Aïcha Ben Abed – Training of technicians for the maintenance of *in situ* mosaics: An Assessment of the Tunisian initiative after three years 10, 258
- Rockwell Cynthia 1 (editor and contributor)
- Rockwell Cynthia 2 (editor)
- Rodríguez Francisco Javier Alonso, Rosa Marcos Fierro – Identificación petrográfica de teselas de mosaicos romanos zamoranos (España), con vistas a su conservación 6, 203
- Rodríguez González José Luis – Metodología para la conservación de mosaicos: El levantamiento 4, 100
- Rodríguez González José Luis – Informe previo sobre la informatización de los estudios de alteración de mosaicos *in situ* 5, 209
- Rodríguez González José Luis – Una experiencia de cobertura temporal en contacto directo sobre el mosaico de la villa romana de los Castillejos, en Magán. Toledo-España 5, 219
- Rodríguez González José Luis – Realização de um inventário geral sobre o estado de conservação dos mosaicos em museus e coleções 6, 225
- Rodríguez González José Luis – Methodology, study and treatment of an Arabic Almo-fasa in Toledo 8, 331
- *Rogliano Raymond, avec la collaboration de Christophe Pellecuer – Un musée de site à Loupian (Hérault, France). Restaurer, présenter et étudier les mosaïques de la *villa* gallo-romaine de Prés-Bas 8, 111
- Roncaglia Giovanni, Francesca Attardo, Simona Frizzi, Pamela Gambogi – Nuovi pavimenti musivi dalla villa dei Domizi Enobarbi di Santa Liberata. Restauro *in situ* e conservazione 9, 491 (p)
- Roncari E., Cesare Fiori, Franca Donati, Roberto Mambelli, Paolo Racagni – Study of a lime-nucleus treated with three different types (acrylic-, silicone-, epoxy-) of resins 4, 147
- Roncuzzi Fiorentini Isotta – “Opus signinum” – Consolidamento *in situ* 3, 69
- Roncuzzi Fiorentini Isotta – Nettoyage et consolidation des mosaïques de pavements 4, 195
- Rosa Marina, Antonietta Gallone Galassi, Silvia Rezende de Castro, Luciano Formica – Conservation works and scientific investigations of pebbles mosaics of Villa Litta in Lainate (Milan) 4, 299
- Rosenberg Amy – The treatment of mosaics at Carthage 1, 98
- Rossi Filli, Claudia Angelelli, Federico Guidobaldi – Conservation *in situ* des pavements de marbre du *Capitolium* de Brescia: Étude de la phase originale et des restaurations anciennes 8, 145
- Rossi Filli, Francesca Morandini – Una casa romana al museo: Scavo, conservazione e allestimento di un gruppo importante di mosaici da Brescia (Italia del Nord) 9, 405
- Ruffini Andrea, Cristina Boschetti, Anna Corradi, Bruno Fabbri, Cristina Leonelli, Michele Macchiarola, Sara Santoro, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)

- Saffaran Elyas – Étude sur l'état de conservation des mosaïques du Musée national d'Iran à partir de vestiges du site archéologique sassanide de Bichâpour 10, 380 (p)
- Şahin Derya, Mustafa Şahin, David Parrish, Werner Jobst – The Mosaic Corpus of Turkey: A new international research project 10, 123
- *Şahin Mustafa, Derya Şahin, David Parrish, Werner Jobst – The Mosaic Corpus of Turkey: A new international research project 10, 123
- Sainz-Jiménez C., F. Puertas, M.T. Blanco, A. Palomo, J.J. Ortega-Calvo, X. Ariño – Characterization of mortar from Italica mosaics: Causes of deterioration 6, 197
- Sainz-Jiménez C., J.M. Rguez-Hidalgo, J. Garcva-Rowe – Mosaicos de Itálica: Ejemplos de deterioro 5, 293
- Salvatori Antonio, Federico Guidobaldi – Restaurations des pavements en *opus sectile* exécutées à Rome dès 1900 4, 371
- Santella Claudia, Luigi Marino, Cinzia Nenci – Il mosaico pavimentale della cattedrale di Santa Reparata a Firenze: Problemi di conservazione e di musealizzazione 8, 163
- Santoro Sara, Cristina Boschetti, Anna Corradi, Bruno Fabbri, Cristina Leonelli, Michele Macchiarola, Andrea Ruffini, Paolo Veronesi – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)
- Savvides Niki, Thomas Roby, Martha Demas, Neville Agnew, Giorgio Capriotti, Demetrios Michaelides – Learning from past interventions: Evaluation of the project to conserve the Orpheus mosaic at Paphos, Cyprus 10, 15
- Savvides Niki, Demetrios Michaelides – Lessons not learned: The shelters at Kourion, Cyprus 10, 215
- Schleiermacher Matilde – Le sauvetage d'une mosaïque en plein air – Cologne 1980 3, 63
- Schneider Kristian, Antonio Cassio, Roberto Nardi – Zeugma mosaics restoration project 9, 155
- Schwartzbaum Elisabeth, 1, 20, 67, 83 (contributor)
- Sease Catherine – Planning of conservation of an *in situ* mosaic, before, during and after an excavation 7, 67
- Selvig Forrest 1 (editor)
- Selvig Forrest 2 (editor)
- Sener Y. Selçuk – An assessment of recent *in situ* conservation treatments of mosaics in Turkey 10, 389 (p)
- *Severson Kent, Diane Fullick – Backing Roman mosaics with glass fiber reinforced cement 10, 312
- Shaaban Tagrid, Osama Hamdan, Carla Benelli – Experiences in mosaic conservation training in the Middle East 10, 251
- Shorer Peter – Material para restaurar mosaicos 4, 369
- *Silva Isabel, Carlos Guimarães – A integração arquitectónica de um mosaico romano no edifício do museu regional de arqueologia de D. Diogo de Sousa, Braga 6, 61
- Silvestrini Giuseppe – Trattamenti per il restauro dei mosaici 3, 113

- Simon Maurice, Évelyne Chantreaux-Vicard, Christophe Laporte, Marion Hayes, Andréas Phoungas – Éléments de recherche pour une contribution à la conservation des mosaïques *in situ* 5, 139
- Simon Maurice, Évelyne Chantreaux-Vicard, Christophe Laporte, Marion Hayes, Andréas Phoungas, Fanny Bonhomme – Aspects de la dépose 6, 81
- Simon Maurice, Évelyne Chantreaux-Vicard, Christophe Laporte, Marion Hayes, Andréas Phoungas – Maintenance et présentation *in situ* à Saint-Romain-en-Gal 9, 287
- Simon Maurice, Évelyne Chantreaux, Marion Hayes, Christophe Laporte, Andréas Phoungas – Bilan d'opérations réalisées par l'Atelier de Saint-Romain-en-Gal 10, 26
- Simon Maurice, Évelyne Chantreaux, Marion Hayes, Christophe Laporte, Andréas Phoungas – La restauration de la mosaïque du VI^e siècle de Qabr Hiram (Liban) par l'Atelier de restauration de mosaïques de Saint-Romain-en-Gal 10, 344 (p)
- Sintès Claude – Le Musée de l'Arles Antique 8, 467
- Sivan Renée – Presenting mosaics to the public: An Israeli experience 7, 313
- *Skaf Isabelle, Thomas Roby – The preservation of detached mosaics: Addressing storage and transportation problems resulting from the large-scale re-development of the central district of Beirut 8, 221
- *Skaf Isabelle, Yasmine Makaroun Bou Assaf – Une nouvelle approche pour la préservation *in situ* des mosaïques et vestiges archéologiques au Liban: La crypte de l'église Saint-Georges à Beyrouth 10, 224
- Solar Giora – Protective shelters 7, 263
- Solar Giora, Demetrios Michaelides, Gaël de Guichen, Wiktor Daszewski – Conclusions 8, 457
- Spieser Jean-Michel – Remarques sur les mosaïques de la Rotonde de Thessalonique 9, 437
- Staniforth Sarah, John Stewart, Janet Berry – Chedworth Roman Villa: A methodology for the monitoring of *in situ* mosaics 8, 135
- Stanley Price Nicholas – Patterns of survival among some Byzantine floor mosaics in the Levant 3, 49
- *Stanley Price Nicholas, Gianni Ponti – Protective enclosures for mosaic floors: A review of Piazza Armerina, Sicily, after forty years 7, 275
- Stewart John – Rapid assessment of shelters over mosaics: Methodology and initial results from England 10, 181
- *Stewart John, Sarah Staniforth, Janet Berry – Chedworth Roman Villa: A methodology for the monitoring of *in situ* mosaics 8, 135
- *Stewart John, Steve Cosh – Protection of *in situ* mosaics: Lessons from England 1738-1939 9, 81
- Stewart John, Sibylla Tringham – Protective shelters over archaeological sites: A review of assessment initiatives 10, 204
- Stulik Dusan, Milena Necaskova, Francesca Piqué – Problems and solutions: *in situ* conservation of The Last Judgement mosaic in St. Vitus Cathedral in Prague 7, 111

Tango Anne 3 (editor)

- *Tedeschi Claudia, Cetty Muscolino – Il pavimento musivo di San Vitale: Nuove osservazioni riguardanti l'aula ottagonale 9, 73
- Terry Ann, Henry Maguire – The wall mosaics in the Cathedral at Poreč: Issues of restoration 9, 101
- Teutonico Jeanne Marie, Daniela Ferragni, M. Fotti, Jef Malliet, Giorgio Torraca – *In situ* consolidation of wall and floor mosaics by means of injection grouting techniques 3, 83
- Teutonico Jeanne Marie, Carol Edwards, Mike Corfield, Barry Knight, John Adams – The investigation and conservation of 4th century A.D. mosaics at Brading Roman Villa, Isle of Wight, England 7, 101
- *Teutonico Jeanne Marie, Roberto Nardi – Summary conclusions and recommendations 10, 327
- Theoulakis Panagiotis, Ioannis Karatasios, Belinda Colston, David Watt, Vasilios Lampropoulos, Vasilis Kilikoglou – Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 9, 209
- Toeschi Paolo – Allocution de bienvenue à Arles 8, 15
- Tomeucci Ambra, Livia Alberti – Intervento di restauro sui mosaici dell'Arco di ingresso al presbiterio della Basilica di S. Vitale a Ravenna 5, 11
- Torraca Giorgio, Daniela Ferragni, M. Fotti, Jef Malliet, Jeanne Marie Teutonico – *In situ* consolidation of wall and floor mosaics by means of injection grouting techniques 3, 83
- *Tringham Sibylla, John Stewart – Protective shelters over archaeological sites: A review of assessment initiatives 10, 204
- Tuccino Walter, Pamela Gambogi, Rossano Fontanelli – Pavimenti musivi della mansio d'età imperiale di Collesalveti (LI) – Problemi di restauro e conservazione *in situ*. Un progetto per la pubblica fruizione 8, 67
- *Tsu Caroline Mei-An, Pamela Hatchfield, Christine Kondoleon, Graig Barnes – Where theory meets practice: The conservation and presentation of a Roman floor mosaic at the Museum of Fine Arts, Boston 10, 108
- Tülek Füsün – An evaluation of the preservation of reburied mosaics in Cilicia 10, 393 (p)

***U**ngaro Lucrezia, Massimo Vitti – Il restauro dei mosaici geometrici dei Mercati di Traiano a Roma 9, 181

Uprichard Ken – The lifting, display and re-lifting of the Hinton St. Mary Mosaic 8, 257

Vassiliadou Styliani, Charalambos Bakirtzis, Pelli Mastora, Nikos Pitsalidis – Lessons learned in theory and practice of mosaic treatments: The case of the wall mosaics in the church of the Holy Apostles, Thessaloniki, Greece 10, 57

Velocchia Maria Luisa – Conservation problems of mosaics *in situ* 1, 39

Veloccia Maria Luisa 2 (contributor)

Veronesi Paolo, Cristina Boschetti, Anna Corradi, Bruno Fabbri, Cristina Leonelli, Michele Macchiarola, Andrea Ruffini, Sara Santoro – Archaeometric analysis and weathering effects on Pompeii's *Nymphaea* mosaics 10, 385 (p)

Vignalo Alisa, Paula Artal-Isbrand – The Worcester Hunt mosaic: A sixty-eight-year treatment history 9, 223

Villa Alberto – The removal of weeds from outdoor mosaic surfaces (translated from the Italian by Cynthia Rockwell) 1, 49

Vincent Robert (Chip) – Conservation and display of three mosaics in the Greco-Roman Museum, Alexandria, Egypt 10, 100

Vitti Massimo, Lucrezia Ungaro – Il restauro dei mosaici geometrici dei Mercati di Traiano a Roma 9, 181

Vona Fabrizio, Rocco Laviano, Felicia La Viola, Antonella Martinelli, Fulvia Passiatore – I mosaici pavimentali del VI secolo della cattedrale di Barletta 9, 513 (p)

Watt David, Ioannis Karatasios, Panagiotis Theoulakis, Belinda Colston, Vasilios Lampropoulos, Vasilis Kilikoglou – Analytical and microscopic techniques for the study of mortars from the floor mosaics of Thebes, Greece 9, 209

Weidmann Denis – Problèmes de gestion et de conservation des mosaïques d'Orbe - Boscéaz (Vaud – Suisse), abritées depuis 1841 4, 7

Weidmann Denis – Orbe-Boscéaz (Canton de Vaud, Suisse) 1975-2005: 30 ans de réflexions sur la conservation d'anciennes et de nouvelles mosaïques 10, 46

*Weidmann Denis, Robert Flatt, Claude Félix, Fred Girardet, André Glauser – Analyse des altérations et déformations de mosaïques à Orbe-Boscéaz (Canton de Vaud, Suisse) 7, 169

Weidmann Denis, Verena Fischbacher, Robert Flatt, Fred Girardet, Matthias Kaufmann – Traitement *in situ* de mosaïques à Orbe-Boscéaz (VD-Suisse) 8, 155

*Weidmann Denis, Fred Girardet – Contrôle climatique de mosaïques *in situ* sous abris 9, 359

*Whalen Timothy P., Mohammed Béji Ben Mami – Foreword 10, XI

Wuhr Rolf – The restoration of mosaics in Germany (translated from the French by Patricia Bonicatti) 1, 62

Xydas Pandelis, Arghyris Bakirtzis, Charalambos Bakirtzis, Michalis Kamilis – Protection du pavement en mosaïque de la "Basilique de Paul" à Philippes 7, 83

Xydas Pandelis, Charalambos Bakirtzis – Les mosaïques d'Amphipolis paléochrétienne: Conserver et/ou présenter 8, 37

- Y**agüe Pablo Luis, Carlos de la Casa, Juan Carlos Zarza – Propuesta de intervención en la villa romana de Cuevas de Soria 5, 105
- Yagüe Pablo Luis – Propuesta general de intervención en el mosaico de la Plaza Romana de Astorga (León) 5, 201
- Yagüe Pablo, Fernando Reguerras, Luis A. Grau – Rapto y rescate del héroe: Estudio, recuperación y musealización del mosaico de “Hilas y las ninfas” (Quintana del Marco, León, España) 6, 129
- *Yiannouli Vassiliki, Nicoletta Anastasatou, Cleopatra Papastamatiou – Mosaic floors of ancient Samos: Conservation problems 7, 53
- Yeşil Erdek Şehrigül – The lifting of a mosaic from the site of Letoon and its replacement with a replica 10, 397 (p)

- Z**achos Konstantinos L. – Conservation and restoration of the Nikopolis mosaics: A program for integrated management and presentation of the archaeological site 10, 151
- Zarza Juan Carlos, Carlos de la Casa, Pablo Luis Yagüe – Propuesta de intervención en la villa romana de Cuevas de Soria 5, 105
- Zias Nikos – Χαίρετισμός / Address 9, 16
- Zizola Chiara – The conservation and restoration of the mosaic floor of the byzantine Church (Western) in Mamshit (Negev Desert) 8, 283
- Zizola Chiara – Conservation and maintenance of floor mosaics in archaeological areas 9, 311
- Zizola Chiara – The legacy of Nora, Sardinia: A project for the conservation, restoration, and maintenance of mosaics 10, 165
- Zizola Chiara, Romana Albini – Zippori. *In situ* conservation of a floor mosaic in polychrome stones and glass paste 7, 235

INDEX III
SITES, MONUMENTS, MUSEUMS AND MOSAICS

Ain Duk-Na'aran (Jericho), Synagogue 10, 251-253
 Al Oda Konacik (Cilicia) 10, 394
 Alacami (Cilicia) 10, 395
 Albenga (Liguria), Baptistery 9, 51
 Alexandria 5, 280, 283. 8, 209, 238, 239, 375
 – Greco-Roman Museum, “Alphious and Arethousa” 9, 100. – “A stag hunt mosaic” 10, 100. – Mosaic with dog 8, 210, 262. – Mosaic with Medusa 8, 212. – “Queen Berenike” 10, 103
 – Kom el Dikka, Roman villa 8, 103, 250
 – Villa of the Birds 10, 51
 Alger, National Museum of Antiquities 8, 273, 279. – “Achilles on Scyros” from Tipasa 10, 93. – Funerary mosaic of Cornelia Urbanilla from Lampiridi (Khirbet Ouled Arif) 10, 93. – Mosaic with fishes 8, 323. 10, 297. – “The Winter and a Nereid” from Auzia (Sour el Ghozlane) 10, 92
 Almenara de Adaja (Valladolid) 3, 149
 Amman, Museum of Folklore 7, 367
 Amphipolis (Greece) 8, 37, 62
 Anazarbus (Cilicia), Archaeological Museum 10, 393
 Anemurium (Anemur, Turkey) 4, 239. 10, 394
 Antioch 8, 313 – “Four seasons”, “Phoenix”, “Sea Goddess” mosaics 9, 119. – Marine mosaic from the “House of the Drinking Contest” in the Boston Museum of Fine Arts 10, 108. – Hunt mosaic in the Worcester Art Museum 9, 223
 Anzio (Antium, Italy), Temple of Hercules 3, 220
 Apamea (Syria) 10, 253
 Apulia North, Villa of San Giusto, mosaic in the local Archaeological Museum 10, 278
 Aquileia 3, 1. 7, 267
 Arethousa (Paliambela, Greece), Early Christian basilica 9, 191
 Arles 5, 89
 Arroniz (Navarre), “Muses of Arroniz” 9, 130
 Astorga (Leon), Plaza romana 5, 203
 Athens, Byzantine and Christian Museum, Mosaic icon 10, 337
 – Daphni monastery 1, 21, 32. 9, 235
 Augusta Emerita (Merida) 3, 39 – “Bacchus and Ariadne” 9, 127. – “Cosmological mosaic” 5, 233. 9, 127–128
 – Villa El Hinojal 9, 128
 – House of the amphitheatre, “Venus and Cupid” 9, 128
 Autun, Musée Rolin, “Greek authors” 10, 28
 Auzia (Sour el Ghozlane), “The Winter and a Nereid” in the National Museum of Antiquities of Algeria 10, 92
 Ayios Lot basilica, see Deir ‘Ain ‘Abata
 Ayios Yeoryios Peyia (Cyprus) 7, 227

Bad-Kreuznach (Germany) *1*, 64
 Bardo Museum *7*, 140
 Barcelona, Archaeological Museum, “Bellerefones and Chimera” *4*, 185
 Bari, Cala Padovano, Villa *6*, 21
 Barletta, Cathedral *9*, 513
 Barrio Jarana (Cádiz), Roman villa, “Bacchus mosaic” *10*, 354
 Beadlam (Yorkshire) *1*, 96
 Beirut *8*, 221

- Cathedral of Saint George *10*, 224. – Crypte *10*, 226
- Shhim *9*, 147

 Beit Alpha (Israel), Synagogue *10*, 194
 Beit She’an (Scythopolis, Israel)

- Monastery of Lady Mary *7*, 203, 266, 360. *8*, 31, 57. *10*, 194
- Synagogue *8*, 416

 Belgrade National Museum, Mosaics from Cuberevać and Stobi *10*, 85
 Berenice (Israel), Monastery of Lady Mary *8*, 29
 Bergamo, Roman mosaics *9*, 245
 Berlin, Bode Museum, Mosaics from San Michele in Africisco (Ravenna) *1*, 24, 30
 Besançon (Doubs), Mosaic with Medusa *10*, 28
 Bîchâpour (Iran), Mosaics from the Palace of Chapour in the National Museum in Tehran *10*, 380
 Bignor (Sussex), Roman villa, Mosaic with Ganymede *3*, 105. *9*, 85. *10*, 187, 206
 Boston Museum of Fine Arts, Antioch marine mosaic *10*, 108
 Braga (Portugal), Regional Museum of Archeology D. Diogo de Sousa *6*, 60. *10*, 69
 Brescia, Capitolium *8*, 145, 192. *9*, 245
 British Museum, Mosaic of Roman villa from Thruxton (Hampshire) *9*, 87. – Mosaic of “Sea God” from Carthage *1*, 97. – Roman mosaic from Halicarnassus *4*, 47.
 Bulgaria *3*, 164. *8*, 203
 Butrint (Bouthrotos, Albania) *7*, 128

Cabezón del Pisuerga (Valladolid), Mosaic with Homeric theme *9*, 131
 Caesarea (Israel) *8*, 30, 417, 445. *9*, 297

- Domus and Bathhouse *10*, 194
- Palace *7*, 375
- Public building *7*, 267

 Cairo, Madrasa of sultan El Gaury *5*, 29

- Mausoleum of sultan El Mansour Qalaou *5*, 29

 Calpe (Alicante, Valencia), Roman villa *7*, 381
 Camarzana de Tera, Mosaic in the Museo Provincial of Zamora *6*, 203
 Carmona (Seville) *9*, 129
 Carsulae (Umbria), Forum *8*, 148

Carthage, National Archaeological Park 4, 215. – Mosaic of “Sea God” in the British Museum 1, 97. – Peristyle house’s mosaic 1, 98
 Castelleone di Suasa (Ancona) 7, 291
 Cavdarhisar (Kutahya, Turkey) 10, 389
 Celenderis (Cilicia) 10, 396
 Château de Prangins (Suisse) 5, 327
 Chedworth (Gloucestershire), Roman villa 7, 128, 137. 8, 93, 131, 191. 9, 85. 10, 188, 206, 233, 290
 Cherchel (Algeria) 10, 305
 Chilgrove (Chichester), Roman villa 5, 175
 Chios (Greece), Nea Moni 1, 21
 Çiftlik Köyü (Sinop, Turkey), Church mosaic in the local Museum 10, 133
 Cirencester, Hare (Corinium) 1, 96
 Classe (near Ravenna), Archaeological Park 10, 279
 Clunia (Portugal) 3, 41
 Colesalveti (Livorno) 8, 67
 Cologne, mosaic of Dionysos 1, 62 – Brinkgasse mosaic 3, 63
 Conimbriga 3, 39, 45
 – Casa dos Repuxos 6, 153. – Roman mosaics 4, 261
 Constantinople (Istanbul), Monastery of Chora (Kariye mosque) 1, 56, 59. 7, 311
 – Saint Mary Pammakaristos (Fetiye mosque) 1, 54
 – Saint Sophia 1, 21, 54. 9, 40
 Córdoba (Andalusia), Archaeological Museum 9, 129
 Corfinio (Abruzzo) 7, 293
 Corinth, North Market 8, 391
 Cos (Greece), Roman house 8, 251
 Cosa (Tuscany), House 7, 211
 Cremona, Domus of via Cadolini 9, 249. – Roman mosaics 9, 245
 Cruas (Ardèche) 6, 91
 – Medieval church 10, 29
 Cyprus 3, 31. 9, 137

Dag Pazari (Cilicia) 10, 395
 Daphni monastery, see Athens
 Deir ‘Ain ‘Abata (Jordan), Basilica of Ayios Lot 7, 149
 Delos 5, 153, 283
 – House F 9, 113
 – House of the comedians 9, 115
 – House of the masks 9, 114
 Dion (Greece) 9, 111
 Domuztepe (Cilicia) 10, 396

Dorchester (Dorset), Roman town house *10*, 188

Ein Gedi (Israel), Synagogue *7*, 266

El Asnam-Chlef (Orléansville, Tunisia), Bath complex *10*, 92

El-Jem (Tunisia), *1*, 90.

– Africa House *8*, 343

Elaiousa (Cilicia) *10*, 396

England *1*, 95. *9*, 81

Eretz Israel Museum, Mosaic in the courtyard *10*, 197, 202

Fethiye Archaeological Museum (Constantinople), Mosaic from the temple of Apollo in Xanthos *10*, 397

Fishbourne (Sussex), Roman palace *1*, 95. *3*, 104. *7*, 129. *8*, 90. *10*, 185, 190

Florence, Baptistery *1*, 22. *4*, 57. *6*, 39. *9*, 50

– Santa Maria del Fiore *8*, 163, 192

Fregellae (Campania), opus signinum *5*, 61

Gaul *1*, 15. *7*, 62

Gaza *10*, 245

– Jabaliyah *10*, 246

– Umm-el'Amr, Monastery of Saint Hilarion *10*, 248

Germany *1*, 62

Geneva, Cathedral *10*, 225

Gobr el Ghoul (Silian, Tunisia), "Twelve Months" *10*, 129

Gortyna (Crete), Praetorium mosaic *9*, 206

Grado, Santa Eufemia *8*, 177, 197

Grazie (La Spezia), Villa romana, Opus signinum *3*, 69

Grenoble, Baptistery *6*, 86. *10*, 30

– Musée des Beaux-Arts, "Hylas" *10*, 27

– Saint Laurent *6*, 85

Grosseto, Monte Argentario (Tuscany), Villa dei Domizi Enobarbi di Santa Liberata *9*, 491

Guberevać *10*, 85

Güneykoy (Cilicia) *10*, 396

Haïdra (Tunisia) *10*, 127

Halicarnassus (Bodrum), Necropolis at Myndos Gate *10*, 389. – Roman mosaic in British Museum *4*, 47

Hama, see Salamiya

Hammat Tiberias (Israel), Synagogue *7*, 266. *8*, 415

Hefziba-Beit Alpha (Israel), Synagogue *7*, 265

Herculanum, Casa dello Scheletro 3, 219
– Palestra 8, 148
Hinton (Dorset), Saint Mary 1, 96. 8, 275, 327
Hosios Loukas monastery (Phocis, Greece) 1, 21
Hot Springs (Arkansas), Quapaw Dome 7, 91
Huesca (Montecillo), “Good Shepherd” 1, 94

Iisle of Wight (Brading), Roman villa 7, 101, 127, 137. 10, 190.
Israel 7, 196. 7, 303, 313. 8, 59. 10, 193
Itálica (Seville) 3, 39. 5, 295, 307. 6, 179
– Casa de la Exedra, “Neptune” 9, 129
– Planetarium House (mosaic No 1) 6, 198

Jbel Oust (Tunisia) 10, 265
Jericho (Palestine), s. ‘Ain Duk–Na’aran
– Church of Saint Andrew 10, 253
– Hisham’s Umayyad Palace 1, 91. 7, 267. 10, 252
– Khirbet et Niltle, Byzantine church 10, 253
Jerusalem, Holy Sepulcher, Calvary chapel 10, 252, 253
– Kathisma church (Mar Elias) 9, 275
– Mount of Olives, Artaban mosaic 10, 194
– Saint Peter in Gallicantu 8, 415
Julio-briga (Cantabria) 4, 281

Kadipasa (Cilicia) 10, 396
Kelibia, Tafekhsite–Chatt Menzel (Yahia, Tunisia), Basilica 8, 387
Kh. Minnim (Minyah, Israel), Early Moslem palace 7, 267. 8, 356, 358
Khirbat al-Mukhayyat (Jordan), Church of Saints Lot and Procopius 1, 91. 7, 365. 8, 93
Kiev, Saint Michael 1, 21
– Saint Sophia 1, 21, 29
Knossos (Crete), Villa of Dionysos 8, 87, 125
Korykos (Cilicia) 10, 395
Kourion (Cyprus) 10, 215
Kutahya, see Cavdarhisar

Lainate (Milan), Villa Litta 4, 299
Lambèse-Tazoult (Algeria), Archaeological Museum 10, 91, 294, 369
Lampiridi (Khirbet Ouled Arif), Funerary mosaic of Cornelia Urbanilla in the National
Museum of Antiquities of Algeria 10, 93
– Museum, Mosaic from Quintana del Marco 6, 129.
Larissa (Beotia) 5, 284

Lauro di Nola (Avellino, Napoli) 5, 319
Liédena (Navarre), Roman villa 9, 130
Lisbon National Archaeological Museum 9, 483. 10, 69
Littlecote (England), Roman mosaics 4, 369. 10, 190
Ljubljana (Emona, Slovenia) 8, 437
London, Albert Memorial 7, 134
Loupian (Hérault, France), Roman villa 8, 11
Louvre Museum, Emblema from Utica 10, 362 – Mosaic from the church of Saint Christopher in Qabr Hiram (Lebanon) 10, 344
Luc-en-Diois (Drôme) 1, 18
Lyon 1, 16, 76

Ma'in (Jordan) 7, 367. 9, 121
Ma'aleh Adumim (Israel), Martinius monastery 7, 267
Ma'om Nirim (Israel), Synagogue 7, 266. 8, 25, 57
Madaba (Jordan) 7, 178
– Church of the Virgin 7, 365. 10, 254
– Church of Saints Apostles, "Sea medallion" 6, 93
– Crypt of Saint Elianus 10, 254
– Hippolytus Hall 10, 254
– Khirbet el Mykkhayat, Church of Saint George 10, 253
Madrid, Archaeological Museum, Emblemata 10, 74
– Complutum, Villa of El Val 9, 129
Mágan (Toledo), Villa romana de los Castillejos 5, 221
Makthar (Tunisia), Thermes 10, 126
Mamshit (Israel) 7, 267. 8, 283, 323. 9, 321
Maoz Haim (Israel) 10, 201
Mara'at Nama'am Museum (Syria) 10, 377
Masada (Israel) 7, 266. 8, 58, 323. 9, 321
Massuh (Jordan) 7, 367
Mérida (Spain), see Augusta Emerita
Meryemlik (Cilicia) 10, 395
Meudigorria (Navarre), "Triumph of Bacchus" 4, 289
Milano, San Vittore in Ciel d'Oro 3, 279
Misis (Cilicia), Archaeological Museum 10, 393
Monreale (Sicily), Cathedral 3, 231, 295
Mosaics
– Achaeans, see Ulpia Oescus
– Achilles on Scyros, see Alger
– Alexander mosaic, see Pompeii
– Alphiou and Arethousa, see Alexandria

- Amore e Psiche, see Ostia
- Bacchus and Ariadne, see Augusta Emerita (Merida)
- Bacchus mosaic, see Barrio Jarana
- Bellerefontes and Chimera, see Barcelona
- Berenike mosaic, see Alexandria
- Birds mosaic, see Alexandria
- Brinkgasse mosaic, see Cologne
- Collemancio mosaic, see Rome
- Comedians, see Delos
- Cornelia Urbanilla Funerary mosaic from Lampiridi, see Alger
- Cosmological mosaic, see Augusta Emerita (Merida)
- Depero mosaic, see Rome
- Diana mosaic, see Prado
- Dionysos mosaic, see Paphos
- Dionysos, see Cologne
- Dog mosaic, see Alexandria
- Fishes mosaic, see Alger
- Four seasons, see Antioch
- Ganymede, see Bignor
- Good Shepherd, see Huesca
- Greek authors, see Autun
- Homeric theme, see Cabezón del Pisuerga
- Hunt mosaic, see Antioch
- Hunt mosaic, see Worcester Art Museum
- Leda and the swan, see Quintanilla de la Cueva
- Marine mosaic, see Antioch
- Masks mosaic, see Delos
- Medusa, see Alexandria and Besançon
- Muses, of Arroniz see Arroniz
- Neptune mosaic, see Italica
- Orpheus mosaic, see Paphos and Polatlı–Kayabaşı
- Orpheus pavement, see Woodchester
- Pax et Concordia, see Tipasa
- Pelagius Funerary mosaic, see Tabarka
- Peristyle house’s mosaic, see Carthage
- Phoenix, see Antioch
- Planetarium House mosaic, see Itálica
- Praetorium mosaic, see Gortyna
- Prampolini mosaic, see Rome
- Sea God, see British Museum
- Sea Goddess, see Antioch

- Sea medallion, see Madaba
- Stag hunt mosaic, see Alexandria
- Stars mosaic, see Torre de Palma
- Theseus and Minotaur, see Pompaelo
- Theseus mosaic, see Paphos
- Triumph of Bacchus, see Meudigorria
- Twelve Months, see Gobr el Ghoul
- Venus and Cupid, see Augusta Emerita (Merida),
- Villa of Dionysos mosaic, see Knossos
- Winter and a Nereid, see Alger

Mount Athos, Mosaic icons *10*, 336

Mount Nebo (Jordan), Memorial of Moses *7*, 365

Murano, Saint Cyprian *1*, 24

Musaruaf (Viterbo), Opus signinum *5*, 67

Museum de l’Ephèbe (Cap d’Agde) *10*, 340

Nahariya (Israel), Monastery *7*, 266

Napoli, Baptistery *5*, 197

Narlikuyu (Cilicia), Archaeological Museum *10*, 393

Navarre *9*, 130

Nea Anchialos (Phthiotides Thebes, Greece) *9*, 115, 209

Nea Moni, see Chios

Newport (Isle of Wight), Roman villa *10*, 189

Nicea, Church of the Dormition *1*, 21

Nikopolis (Greece) *10*, 152

Nîmes *1*, 18, 68

Nora (Cagliari), Archaeological Park *4*, 247

Novy Kuks (Czech Republic) *10*, 206

Nuseirat (Israel) *10*, 245

Olmeda, Roman villa *5*, 271

Orange (Vaucluse) *10*, 28

Orbe–Boscéaz (Canton de Vaud, Switzerland) *4*, *7*, *7*, 129, 169. *8*, 155, 192. *9*, 359. *10*, 46, 206

Ostia *3*, 93, 200. *5*, 257. *7*, 218, 267

- Piazzale delle corporazioni *8*, 45, 62. *9*, 117. *9*, 321
- Termae dei Cisiari *8*, 46. *9*, 321
- Castel Fusano *3*, 139
- Domus di Amore e Psiche *9*, 36
- Dragoncello *9*, 393
- Insula delle pareti gialle *9*, 117

- Località delle “Marciana” 3, 113
- Porta Marina, Aula ostiense, Incrustationes 8, 39
- Sacellum de Mars et de Venus, Opus sectile 4, 381
- Villa di Plinio 3, 139

Otranto (Puglia), Cathedral 4, 321. 7, 127,

Ovacik (Cilicia) 10, 396

Padova 9, 255

Palermo, Capella Palatina 9, 49

- Piazza della Vittoria 9, 49, 117
- Santa Maria dell’ Ammiraglio 9, 49

Palestine 10, 247

Paliambela, see Arethousa

Paphos, (Cyprus) 3, 32. 7, 303, 353, 373

- Chrysolitissa basilica 7, 226
- House of Dionysos 7, 228. 8, 255, 261, 356
- Orpheus mosaic 7, 130, 270. 10, 13, 181
- Theseus mosaic 7, 225, 227. 8, 245, 259, 262. 9, 115

Paray-le-Monial (Saône-et-Loire), Notre-Dame 10, 29

Parenzo (Poreč), Cathedral of Eufrasius 9, 54, 101

Passins (Isère) 10, 28

Patmos (Greece), Mosaic icon 10, 335

Pedrosa de la Vega (Palencia) 3, 39, 149. 9, 131

Pella 5, 279, 282

Pergamon 5, 280

Perge (Turkey), Agora, street and baths 10, 358

Périgueux 1, 68

Petersorough (Ontario, Canada) 8, 90

Petra (Jordan), Byzantine mosaic 6, 31

Philippi, basilica of Paul 7, 83, 272, 268

- Triclinium 9, 112

Piazza Armerina (Sicily) 7, 130, 275, 289. 8, 91, 194. – Aula absidata, incrustationes 9, 37

Poitiers 1, 68

Polatli-Kayabaşı (Turkey), Orpheus mosaic 10, 133

Pompaelo (Navarre), “Theseus and Minotaur” 9, 130

Pompeii 5, 282

- Casa del Bracciale 4, 251
- Casa de Fauno 9, 63
- Mosaic of Alexander 9, 63
- Nymphaea 10, 385
- Villa dei Misteri 7, 267

Portugal 1, 39. 7, 81
Pouaig de Moncada (Valencia), "The nine Muses" 8, 427
Prado (Valladolid), Diana mosaic 9, 131
Prague, Cathedral of Saint Vitus 7, 111
Preston (Weymouth, Dorset), Roman villa 9, 87
Prieuré de Ganagobie (Alpes-de-Haute-Provence) 3, 150

Qabr Hiram (Liban), Mosaic from the church of Saint Christopher in the Louvre Museum
10, 344

Quapaw Dome, see Hot Springs
Quintanilla de la Cueva (Palencia), "Leda and the swan" 9, 131
– Villa 3, 149
Quintana del Marco (Leon), Roman villas 4, 21. 6, 129. 9, 130

Rabaçal (Penela), Roman villa 10, 281

Ravenna 1, 21
– Archbishopric 1, 24
– Basilica Ursiana 1, 21
– Battistero Neoniano 9, 40
– Palace of Theodoric 9, 383
– San Apollinare Nuovo 1, 22, 30
– San Michele in Africisco 1, 24, 30
– San Vitale 5, 13, 187. 6, 143. 9, 73, 169

Rheinisches Landesmuseum 8, 293

Rhône, Valley 6, 89

Rodos 5, 281

Rome 1, 22. 4, 371

- Battistero Lateranese, Incrustationes 9, 39
- Borghese Museum 6, 144
- Chiesa di Santa Croce in Gerusalemme, Santa Elena chapel 6, 67
- E.U.R., Depero mosaic 6, 45. – Prampolini mosaic 6, 45
- Foro Romano 5, 129. 9, 47. – Curia of Diocletian, Opus sectile 4, 379. – Santa Maria Antiqua, Opus sectile 4, 374
- Forum di Traiano, Grande emiciclo mosaic 9, 181
- Lateran palace 1, 24
- Museo Capitolino, Opus sectile 4, 385
- Museo delle Terme, Mosaico di Collemancio 3, 134, 135
- Ospedale Militare, domus 5, 163
- Palatine, Domus Flavia 8, 148. – Triclinium of the Domus Flavia, opus sectile 4, 377
- Piazza Trevi, Palazzo Castellani, Atrium floor mosaic 6, 142
- Santa Sabina, Incrustationes 9, 39

- Sant’ Agnese fuori le mura 9, 48
- Santa Costanza 9, 48
- Santa Maria Maggiore 1, 24
- San Giovanni di Laterano 1, 24
- San Paolo fuori le mura, 1, 22
- San Pietro 1, 24
- San Stefano Rotondo 5, 49
- Thermae of Caracalla 3, 142. 5, 99. 7, 249, 267
- Villa Adriana, Incrustationes 9, 35 – Cryptoporticus 3, 215

Sabratha (Tripolitania), Baths 8, 265

Sagalassos (Turkey), Mosaic from the Neon Library 10, 389

Saint-Romain-en-Gal, Museum 9, 287. 10, 26

Saint-Colombe-lès-Vienne (France) 6, 90. 10, 28

Saint-Gilles-Croix-de-Vie (France), Station 1, 15

Saint-Paul-les-Romans (Drôme, France) 1, 72

Saint-Paul-Trois-Châteaux (France) 10, 27

Salamiya (Hama), Byzantine painted floor 10, 373

Samos (Greece) 5, 281. 7, 53

Santorini (Thera, Greece) 8, 91

Sardinia 7, 176

Sardis, Great Synagogue 1, 59

- Gymnasium complex, 1, 58

- Roman mosaics 10, 313, 314

Sbeitla (Henchir El Goubeul, Tunisia) 10, 126, 129

Scythopolis, see Beit She’an

Sefforis (Israel) 6, 187

Shahba (Syria), Roman villa 10, 253

Shava Zion (Israel) 8, 31

Side (Turkey) 10, 390

Sidi Jdidi, Baptistery 10, 129

Soria 3, 39, 42. 4, 335, 368. 5. 107, 141. 9, 130

Spain 1, 39

Sparta 7, 41. 8, 303

Spoletto (Italy), Cathedral 10, 365

Stobi 10, 85

Suasa (Ancona), Opus signinum 5, 67 – Opus sectile 5, 75

Sussya (Israel), Synagogue 7, 266. 8, 29, 63

Suwaydah (Syria), Archaeological Museum 10, 254

Syria 1, 92. 10, 139

Tabarka (Tunisia), Funerary mosaic of Pelagius *10, 27*
 Tarquinia, Villa romana di Cazzanello, Opus sectile *9, 369*
 Tatarna monastery (Eurytania, Greece), Mosaic icon *10, 337*
 Tehran National Museum (Iran), Mosaics from the Palace of Chapour in Bichâpour *10, 380*
 Tel Itztaba, see Bet She'an
 Thera, see Santorini
 Thessaloniki *7, 81. 8, 229, 238, 403*
 – Basilica of Saint Demetrios *8, 405. 9, 501*
 – Holy Apostles *10, 57*
 – Rotunda *7, 342. 8, 404. 9, 435, 437, 447, 457, 467, 479*
 – Saint Sophia *1, 21. 7, 345. 8, 408. 9, 427*
 Thmuis *5, 281*
 Thruxton (Hampshire), Mosaic of Roman villa in the British Museum *9, 87*
 Thuburbo Majus (Tunisia) *1, 90. 10, 265*
 Timgad, Archaeological Museum *10, 298*
 Tipasa (Algeria), "Achilles in Scyros" *10, 93*
 – Great basilica *10, 289*
 – Monastery of Saint Gérard *8, 273, 27*
 – Western necropolis, mosaic of Pax et Concordia *10, 94*
 Tivoli, Villa Andriana, Opus sectile *4, 383, 387. 8, 35* – Cryptoporticus *3, 215*
 Toledo, Workshop "del Moro" *8, 331*
 – see Magán
 Torcello *1, 21*
 – Cathedral, Santa Maria Assunta *3, 92, 257, 323, 353, 375*
 – Chapel of the Holy Sacrament *1, 27*
 Torre de Palma (Monforte-Portugal) *9, 484*
 – Casa de peristilo *6, 155*
 – Mosaic of stars *6, 169*
 – Roman villa *8, 379*
 Tournus, (Burgundy), Saint Philibert, Roman mosaic *10, 29*
 Tres Juncos (Cuenca) *9, 129*
 Trier *1, 62. 8, 293*
 Trieste, San Giusto *1, 21, 31. 9, 54*
 Tunisia *1, 90. 5, 39. 8, 357, 361. 9, 347. 10, 258, 265*

Ulpia Oescus (Bulgaria), "Achaean" *3, 164*
 Umm al-Rasas (Kastron Meffa, Jordan), Saint Stephen *7, 365. 9, 121. 10, 145, 254*
 Utica (Tunisia) *1, 90. 9, 118. 10, 362*

Valencia, Roman mosaics 6,111
Vallon (Canton de Fribourg), Roman villa 6, 188. 8, 75, 123. 10, 206
Vaucluse, Vaison-La-Romaine 1, 17
Venice, San Marco 1, 20. 7, 137. 9, 47
– Palazzo Ducale 9, 47
Vienne antique (France) 1, 15. 4, 37. 6, 87
Villaquejida (León), Roman villas 4, 21
Volubilis (Maroc) 10, 161, 348
Vosges (France) 10, 303, 306

Woodchester (Gloucestershire), Orpheus pavement 1, 97. 9, 88
Worcester Art Museum 8, 313
– Hunt mosaic from Antioch 9, 223

Xanthos, Episcopal basilica 7, 31. 10, 397

Yyun Musa Valley (Jordan) 7, 355

Zamora, Museo Provincial, Mosaic from Camarzana de Tera 6, 203. – Mosaic from Santa
Cristina de la Polvorosa 6, 203
Zeugma 9, 155, 265, 331, 419. 10, 390
Zippori (Sepphoris, Israel) 8, 54, 58, 62. 10, 194
– Building of the Nile 7, 315, 321. 9, 321. 10, 198
– Lower villa 7, 267
– National Park 8, 29
– Roman public villa 7, 235
– Villa of Dionysos 7, 266, 314
– Western palace 9, 321

