Managing Archaeological Sites with Mosaics: from Real Problems to Practical Solutions

The conference is organised under the auspices of
Ahmed Gouitaà, Secretary General of the Moroccan Ministry of Culture,
and Abdellah Salih, Director of Cultural Heritage

Co-ordinators
Rachid Bouzidi, Principal Conservator of Historical Monuments and Sites at the Ministry of Culture,
National Co-ordinator of the Conference
Demetrios Michaelides, Director of the Archaeological Unit, University of Cyprus, President of ICCM

Scientific Committee
Rachid Bouzidi: Principal Conservator of Historical Monuments and Sites at the Ministry of Culture,
National Co-ordinator of the Conference;
Skevi Christodoulou: University of Cyprus, Nicosia;
Evelyne Chantriaux: Atelier de restauration de mosaïques et d’enduits peints de Saint-Romain-en-Gal;
Stefania Chlouveraki: INSTAP Study Centre for East Crete, and the Technological Educational Institute (T.E.I.), Athens;
Sabah Ferdi: Centre National de Recherche en Archéologie, Algérie;
Anne-Marie Guimier-Sorbets: Université de Paris Ouest-Nanterre;
Demetrios Michaelides: Archaeological Research Unit, University of Cyprus, Nicosia;
Guido Meli: Direttore del Parco Archeologico della Villa Romane del Casale di Piazza Armerina;
Roberto Nardi: Centro di Conservazione Archeologica, Roma;
John Stewart: English Heritage, London;
International Organising Committee

Rachid Bouzidi: Principal Conservator of Historical Monuments and Sites at the Ministry of Culture, National Co-ordinator of the Conference;
Evelyne Chantriaux: Atelier de restauration de mosaïques et d’enduits peints de Saint-Romain-en-Gal;
Abdelilah Dekayir: Professeur à la Faculté des sciences de Meknès;
Rachid El Mstfa: Chargé de recherche au Ministère de la Culture, Rabat;
Demetrios Michaelides: Archaeological Research Unit, University of Cyprus, Nicosia;
Roberto Nardi: Centro di Conservazione Archeologica, Roma;
Zahra Qninba: Enseignant chercheur à l’Institut d’Archéologie, Rabat.

National Organising Committee

Rachid Bouzidi: Principal Conservator of Historical Monuments and Sites at the Ministry of Culture, National Co-ordinator of the Conference;
Jawad El Mestari, Regional Director of Culture in Meknes - Tafilalet Region;
Youssef Saflal, Assistant to the Secretary General of the Ministry of Culture;
Hicham Rguig, Conservator at the archaeological site of Chellah;
Rachida Lakhal, Assistant to the Secretary General of the Ministry of Culture;
Mohammed Belmo, Assistant to the Minister of Culture;
Mohammed Chaer, Ministry of Culture;
Bousselham Daef, Director of the Cultural Centre of Meknes;
Idriss Alaoui, Conservator of Historical Monuments at the Regional Direction of Culture in Meknes;
Mahmoud Beihssen, Artist at the Regional Direction of Culture in Meknes;
Sabah Hajjami, Technician at the Conservation of the archaeological site of Volubilis;
Mohammed Benali, Technician at the Regional Direction of Culture in Meknes.

Programme

Sunday, October 23: Meknes

15.00-18.30  Registration at Hotel Transatlantique

17.00  GUIDED TOUR OF MEKNES

It is hoped that the tour will include as many as possible of the following: Medina, Place el-Hedime, Bab Mansour, Heri es-Souani, Pavillion des Ambassadeurs, Prison Qara, Dar Jamai Museum

20.00  Welcoming Reception at the Hotel Transatlantique

Monday, October 24: Cultural Centre of Meknes

09.00-10.00  Registration

09.00  Coffee

10.00-11.15  OFFICIAL OPENING OF THE CONFERENCE
Bensalem Himmich, Minister of Culture
Mohammed Faouzi, Wali of the Meknes-Tafilalet Region
Ahmed Gouita, Secretary General of the Ministry of Culture
Abdellah Salih, Director of Cultural Heritage
Rachid Bouzidi, National Co-ordinator of the conference
Roberto Nardi, Vice President of ICCM
Demetrios Michaelides, President of ICCM
SESSION Ia: THE SITE OF VOLUBILIS
CHAIR: Faissal Cherradi and Roberto Nardi

11.15  LE MOSAIQUES DE VOLUBILIS ET BANASA: DE LA DECOUVERTE AU PROJET MOSAIKON MAROC
R. Bouzidi

11.30  CONSERVATION AND MANAGEMENT OF MOSAICS ON ARCHAEOLOGICAL SITES. CASE STUDIES: VOLUBILIS AND BANASA
R. Bouzidi

11.45  CHARACTERIZATION OF COLOURING AND OPAQUENING AGENTS IN ROMAN MOSAIC GLASS TESSERAE BY ESR AND SEM-EDX TECHNIQUES
A. Dekayir, N. Bouzoubaa, L. Bejjit, R. Bouzidi, M. Haddad

12.00  Discussion

12.20-13.30  Light lunch offered by the Ministry of Culture

SESSION Ib: THE SITE OF VOLUBILIS

13.30  INTRODUCTION TO THE SITE OF VOLUBILIS
R. Bouzidi

13.50  LA MOSAIQUE FIGUREE DE VOLUBILIS : BANALITE OU ORIGINALITE?
Z. Qninba, B. Belkamel

14.10  Departure for Volubilis

15.00-17.30  GUIDED TOUR OF THE ARCHAEOLOGICAL SITE OF VOLUBILIS

17.30  Reception to the accompaniment of traditional music offered by the Ministry of Culture of the Kingdom of Morocco

Tuesday, October 25: Cultural Centre of Meknes

SESSION II: METHODS OF SURVEY AND DOCUMENTATION
CHAIR: Evelyne Chantriaux and Zahra Qninba

09.00  CONSERVATION AND MAINTENANCE OF MOSAICS IN CYPRUS
M. Hadjicosti

09.20  AN APPROACH TO THE MANAGEMENT OF MOSAICS THROUGH PRELIMINARY CONDITION AND RISK ASSESSMENT
J. Stewart

09.40  A DATABASE FOR THE IN SITU MOSAICS IN SYRIA
M. Al Taweel, M. Jbaee, N. Al Bouza, A. Hammoud

10.00  THE EMPURIES MOSAICS: INITIAL RESTORATION WORK TO CURRENT NEEDS AND ISSUES
S. Llobet i Font

10.20  SURVEYING AS A MEANS OF DEVELOPING A NATIONAL STRATEGY FOR THE CONSERVATION AND MANAGEMENT OF THE MOSAICS OF GREECE
S. Chlouveraki, M. Krini, E. Anamaterou
10.40 COMPARISON OF BYZANTINE AND MODERN MOSAIC PAVEMENT MORTAR MICROSTRUCTURES FOR CONSERVATION PURPOSES
N. Abu-Jaber, C. Hamarneh

11.00 Discussion

11.20 Coffee Break

11.40-13.00 SESSION III: CONSERVATION AND MANAGEMENT OF MOSAICS AT SITES
CHAIR: Rachid Bouzidi and Stefania Chlouveraki

11.40 ARCHAEOLOGICAL SITES WITH MOSAICS IN TURKEY: MANAGING THE UNMANAGEABLE
H. Kökten

12.00 REUSSITES, DIFFICULTES ET COUTS DE LA CONSERVATION D’UN SITE ET DE SES MOSAIQUES
D. Weidmann

12.20 CONSERVATION, MAINTENANCE AND DISPLAY OF THE MOSAICS IN PERGE, TURKEY
Ş. Yeşil-Erdek

12.40 Discussion

13.00-14.30 Buffet lunch at the Institut culturel français of Meknes offered by the Institut

CHAIR: Mohamed Rouai and John Stewart

14.30 MOSAIKON: AN UPDATE ON A REGIONAL PROGRAM FOR THE CONSERVATION OF MOSAICS IN THE MEDITERRANEAN (2008-2013)
J.M. Teutonico and L. Friedman on behalf of the MOSAIKON partners

14.50 A BRIEF BIBLIOGRAPHICAL REVIEW ON MOSAIC CONSERVATION: CRITICAL AND STATISTICAL ANALYSIS ON RECENT PUBLICATIONS REGARDING EVOLUTION AND CRITERIA
J. Lewinsky, J. Neguer

15.10 Discussion

15.30-16.50 SESSION Va: CONSERVATION AND MANAGEMENT PLANNING
CHAIR: Charalambos Bakirtzis and Hicham Rguig

15.30 TOWARDS A METHODOLOGY FOR A VISITOR MANAGEMENT APPROACH TO SITES WITH MOSAIC FLOORS: THE CASE OF HERCULANEUM
N. Savvides

15.50 SITE MANAGEMENT PLANNING: THE EIRENE ARCHAEOLOGICAL SITE, PLOVDIV, BULGARIA
C. Luk, E. Kantareva-Decheva, M. Bospachieva, K. Holbrow

16.10 THE ARCHAEOLOGICAL SITE OF SIRMION, SERBIA: CONDITION SURVEY, DEVELOPMENT OF CONSERVATION AND MAINTENANCE PROGRAM FOR MOSAICS
N. Smičiklas

16.30 Discussion

16.50 Coffee break
16.50-19.00 POSTER SESSION

19.30 Theatrical play “Leo Africanus”, offered by the National Theatre Mohammed V of Rabat and the Cultural Centre of Meknes at Kasr Al Mansour in the Medina

20.30 Dinner and traditional music offered by the ICCM at Kasr Al Mansour

Wednesday, October 26: Cultural Centre of Meknes

09.00-10.40 SESSION Vb: CONSERVATION AND MANAGEMENT PLANNING
CHAIR: Abdeltif El Khammar and Sabah Ferdi

09.00 ECOLOGICAL ANALYSIS OF BIODETERIORATION OF MOSAICS IN OSTIA ANTICA AND CONSERVATION PROBLEMS
S. Brignocchi, G. Caneva, S. Ceschin, S. Ricci, A. Roccardi

09.20 GUIDELINES FOR PLANNING OF SHELTERS OVER ARCHAEOLOGICAL SITES AND MOSAICS: APPROACHES FOR DEVELOPMENT AND METHODOLOGY
Y. Alef

09.40 A TEMPORARY PROTECTING COVERING SYSTEM FOR MOSAICS ON ARCHAEOLOGICAL SITES
A. Lugari

10.00 THE CONSERVATION PROJECT ON THE MOSAICS OF THE ROMAN BATH IN METROPOLIS, IONIA
A.K. Oz

10.20 Discussion

10.40 Coffee Break

11.00 PRESENTATION OF CANDIDATES FOR THE NEXT ICCM BOARD

11.20-12.40 SESSION Vf: PRESENTATION AND DISPLAY
CHAIR: Abdelilah Dekayir and Anne-Marie Guimier-Sorbets

11.20 THE MEMORIAL OF MOSES-MOUNT NEBO, JORDAN. A NEW SHELTER AND RESTORATION OF THE MONUMENT AND ITS MOSAICS. PROJECT, WORK AND PROSPECTIVE
C. Pappalardo

11.40 CONSERVATION WORK ON THE MOSAICS OF THE VILLA OF THE AMAZONS, SANLIUFRABA, TURKEY: FROM “THEME PARK” TO “ARCHEOPARK”
Y.S. Sener

12.00 LE ZELLIJ DES MONUMENTS HISTORIQUES DE MEKNES: TECHNIQUES DE FABRICATION, MODES D’UTILISATION ET FORMES DECORATIVES
A. El Khammar

12.20 Discussion

12.45 Departure for Fez
Packed lunch on coach offered by the Ministry of Culture

14.00-18.00 GUIDED TOUR OF FEZ
It is hoped that the tour will include as many as possible of the following: Medina, Medersa El-Cherratine, Medersa El-Attarine, Zellij workshop, Dar Dbagh Chouara Tannery
18.00 Return to Meknes
20.00 Dinner in Tawk el Hamama restaurant in the Medina offered by the Getty Conservation Institute

Thursday, October 27: Cultural Centre of Meknes

09.00-11.20 SESSION VII: CASE STUDIES
CHAIR: Zaki Aslan and Jeanne Marie Teutonico

09.00 LA MOSAIQUE AU DIEU OCEAN DE MAUBOURGUET ET SON CONTEXTE ARCHÉOLOGIQUE
E. Chantriaux, M. Hayes, C. Laporte, A. Phoungas, M. Simon

09.20 LA MOSAIQUE D’EL KHROUB: DECOUVERTE ET SAUVETAGE
S. Ferdi

09.40 STUDY AND RESTORATION OF A BYZANTINE MOSAIC IN THE SINAI, EGYPT
M. Ali Fouad, W. El Blehy

10.00 LA CONSERVATION DES MOSAIQUES DE CHELLAH, MAROC
H. Rguig, H. Ammar, M. Hansali

10.20 LES MOSAIQUES D’EL JEM, DE HERGLA ET DE SOUSSE: DES EXEMPLES DE CONSERVATION IN SITU
L. Belhouchet

10.40 MOSAIQUES ET MUSEOLOGIE: LES ENJEUX DE LA FORMATION DES CONSERVATEURS POUR LES PAVEMENTS AU TOGO
K.N.F. Tublu

11.00 Discussion

11.20-11.50 Coffee Break
ELECTIONS

11.50-13.50 SESSION VIII: EDUCATION AND TRAINING
CHAIR: Rachida Lakhal and Demetrios Michaelides

11.50 MOSAIC DOCUMENTATION: A TECHNIQUE OF CONSERVATION
R. Nardi, A. Costanzi-Cobau

12.10 RESULTS OF THE REGIONAL SURVEY OF MOSAIC CONSERVATION AND TRAINING OF CONSERVATORS IN SOUTHEAST EUROPE
M. Frankovic, B. Lazarevic

12.30 THE SYRIAN MOSAIC DOCUMENTATION TRAINING PROGRAMME
K. Politis, A. Al-Azm, Ch. Bakirtzis

12.50 L’ENTRETIEN ET LA CONSERVATION DES MOSAIQUES DE DOUGGA, TUNISIE. PRESENTATION DES TRAVAUX EFFECTUES PAR L’EQUIPE DES TECHNICIENS DU SITE
M. Hani

13.10 CONSERVING AND MANAGING MOSAICS IN LIBYA: A NEW COLLABORATIVE PROJECT
W. Wootton

13.30 Discussion

13.50-15.10 Lunch offered by the Ministry of Culture
15.10  ELECTION RESULTS AND PRESENTATION OF NEW BOARD

15.30  CLOSING SESSION
CONCLUSIONS AND CLOSING REMARKS
Gaël de Guichen and A. Ben Abed
CLOSING OF CONFERENCE
Rachid Bouzidi
Demetrios Michaelides

19.00  Departure for Marrakech (optional post-conference tour)

Friday and Saturday, October 28-29: Marrakech

During the Conference
THE FOLLOWING POSTERS WILL BE PRESENTED:

MOSAIKON REGIONAL SURVEY OF LIFTED MOSAICS, A PLANNING AND LEARNING TOOL
K. Abend, C. Antomarchi, G. De Guichen

AN ANCIENT PAVEMENT FROM THE SECOND CENTURY BC
A. Abou Baker Khoushut

ARCHAEOMETRICAL STUDIES ON THE HALEPLIBAHCE MOSAICS IN TURKEY
A.A. Akyol, K.Y. Kadioglu

MOSAIKON: THE MOSAIC CONSERVATION COURSE FOR CONSERVATOR-RESTORERS OF MOSAICS OF SYRIA
A. Al Ahmad, B. Al Zarra, F. Alhajali, M. Jbaee, M. Kaed, J. Sulaiman

THE ALMAJDAL MOSAIC: DOCUMENTATION, STUDYING, URGENT INTERVENTIONS, REBURIAL
N. Al Bouza, A. Hammoud, M. Al Taweel, M. Jbaee

PATHOLOGIES DES MOSAIQUES DE VOLUBILIS: CAS DES MOSAIQUES DE LA MAISON A L'EPHEBE. PROJET MOSAIKON MAROC
A. Amine, R. Bouzidi

TRAINING OF ARCHAEOLOGICAL SITE MANAGERS: MOSAIKON'S APPROACH TO THE CONSERVATION AND MANAGEMENT OF MOSAICS AT ARCHAEOLOGICAL SITES IN THE MEDITERRANEAN
Z. Aslan, K. Dardes, L. Friedman, T. Roby

LA GESTION DES RESSOURCES HUMAINES DANS LE DOMAINE DE LA CONSERVATION DES MOSAIQUES IN SITU : LES CAS D'UTIQUE ET DE THUBURBO MAIUS EN TUNISIE
H. Ben Romdhane

THE CONSERVATION OF THE MOSAICS OF THE “PALAZZO DI RE BARBARO” AT PORTO TORRES, SARDINIA
A. Boninu

THE MOSAIKON PROJECT ON THE MOSAICS OF VOLUBILIS AND BANASA, MOROCCO: CONDITION ASSESSMENT AND INTERVENTION PLAN
R. Bouzidi

MOSAIC FLOORS IN THE NORTH-WEST CHURCH IN HIPPOS-SUSSITA: A CASE STUDY ON 10 YEARS OF A JOINT CONSERVATION AND ARCHAEOLOGICAL PROJECT
J. Burdajewicz
LABORATORY TESTING OF MORTARS FOR A SUITABLE CONSERVATION OF MOSAICS IN ARCHAEOLOGICAL SITES

TRACES D'USURE ET INDICES D'USAGE: LA PRESENTATION A MAUBOURGUET DE LA MOSAÏQUE AU DIEU OCEAN
E. Chantriaux, M. Hayes, Chr. Laporte, A. Phoungas, M. Simon

SAUVEGARDE ET MISE EN VALEUR DES MOSAIQUES IN SITU DANS LE SITE ARCHEOLOGIQUE DE BULLA REGIA, TUNISIE
M. Chaouali

GEOLOGY AND THE USE OF MORTAR IN THE CONSERVATION AND MANUFACTURE OF CYPRIOT FLOOR MOSAICS
E. Charalambous

GEOMETRIC CONFIGURATIONS IN CYPRIOT FLOOR MOSAICS
E. Charalambous, V. Lysandrou

LE RETRAITEMENT DE LA MOSAIQUE DU PECHEUR
M. Cherradi

RE-PLACEMENT IN SITU OF THE FLOOR MADE OF PEBBLES USING THE METHOD OF PORTABLE CONSTRUCTIONS
D. Chrysopoulos, G. Karabalis

SUR LES TRACES DU TEMPS : LA MOSAÏQUE D’« ACHILLE A SKYROS »
V. Fischbacher, M. Krieg

CONSERVATION OF MOSAIC FLOORS DETACHED FROM THE SITE OF YASILEH, JORDAN
W. Hwari

RESTORATION OF THE MOSAIC IN THE AL-ZAHIRYA LIBRARY
M. Jbaee

MANAGING THE LOSS: A COMPARATIVE STUDY OF THEORIES ON AESTHETIC REINTEGRATION OF LACUNAE IN MOSAIC FLOORS
M. Kindt, S. Chlouveraki

THE OLDEST FORM OF GRAVEL MOSAIC FLOOR DISCOVERED IN SYRIA (SITE OF TEL AL AHMAR), EXTRACTION AND RESTORATION
G. Klesly, M. Kaed, B. Al Zarra, G. Souleman

INVESTIGATION AND CONSERVATION OF A FRAGMENT OF A ROMAN MOSAIC FLOOR (GOVERNOR’S PALACE OF AQUINCUM, HUNGARY)
B. M. Kürtösi

FLOOR MOSAICS FROM THE GRECO-ROMAN THEATRE AT NEA PAPHOS, CYPRUS
J. Lindbergh

MOSAIC PAVEMENTS IN THE RELIGIOUS BUILDINGS IN PHILIPPOPOLIS, PLOVDIV, BULGARIA
A. Lubenova

ROMAN BLACK AND WHITE MOSAIC OF A VILLA RUSTICA NEAR MOŠNJE, SLOVENIA: PRESENTATION OF THE MOSAIC FRAGMENTS
J. Lux, M. Asparuh, T. Manilo, S. Kramar

REBURIAL OF MOSAIC PAVEMENTS: AN IN SITU CONSERVATION METHOD
V. Lysandrou, E. Charalambous

PRESERVATION OF THE EVIDENTIAL VALUE OF WALL MOSAICS IN THESSALONIKI
P. Mastora
CONDITION, PROBLEMS AND PRESENTATION OF THE MOSAICS IN MEDIANA  
G. Milosevic, V. Crnoglavac, N. Gavriovic

THE DISPLAY IN SITU OF A BYZANTINE MOSAIC OF THE SITE HIPPOS-SUSSITA PROVED TO BE IMPOSSIBLE...  
E. Parandowska-Radziejowska

THE REMOVAL AND REINSTATEMENT OF THE ROMAN MOSAIC OF THE CYCLOPS POLYPHEMOS, FROM OUTSIDE THE ROMAN ODEUM TO THE ARCHAEOLOGICAL MUSEUM OF PATRAS, GREECE  
Chr. Pilalis, A. Gkeka

VIRTUAL PLACEMENT OF THE “MEDUSA” MOSAIC USING A SPECIFICALLY DESIGNED METAL BASE  
Chr. Pilalis, A. Gkeka

THE DEVELOPMENT OF RESTORATION AND CONSERVATION STUDIES OF ANCIENT MOSAICS IN THE LIGHT OF APPLICATION IN TURKEY  
Y. Polat

HERITAGE MANAGEMENT OF THE MONASTERY OF AGHIOS LOT AT DEIR ‘AIN ‘ABATA IN JORDAN  
K.D. Politis

MOSAIC CONSERVATION PLANNING AND IMPLEMENTATION AT THE SITE OF BULLA REGIA, TUNISIA  
T. Roby, L. Alberti, C. Caldì, E. Carbonara, M. Chaouali, L. Friedman

CONSERVATION DES MOSAIQUES DU MUSEE NATIONAL DE BEYROUTH  
I. Doumet Skaf, B. Jabbour-Gedeon, G. Salem

THE YALE GERASA MOSAIC PROJECT: INNOVATIVE METHODS TO REPLACE REINFORCED CONCRETE BACKINGS  
C. Snow, J. DeBlock, B. Harlow, Th. Philips, A. Florio

RESTITUER L’ETAT INITIAL D’UNE MOSAIQUE APRES UN SIECLE D’INTERVENTIONS DIVERSES : LE CAS DE LA MOSAIQUE NILOTIQUE DE THMOUIS (EGYPTE) AU MUSEE D’ALEXANDRIE  
H. Tawfic, A.-M. Guimier-Sorbets

LEARNING FROM THE CONSEQUENCES OF INAPPROPRIATE LIFTING METHODS: CASE STUDIES AT THE MOSAIC CONSERVATION LAB IN HAMA, SYRIA  
A. Tsoupra, A. Al Ahmad, N. Lada, G. Misemikes, S. Chlouveraki

MANAGING ARCHAEOLOGICAL PARKS WITH IN SITU MOSAICS IN LJUBLJANA, SLOVENIA: EVALUATION, CONSERVATION AND MAINTENANCE  
B. Županek, B. Kracina Toman

SPEAKERS AND PRESENTERS OF POSTERS

Abend Karen, Italy  
Abu Ayseh Moh’d Saoud, Italy  
Abu-Jaber Nizar, Jordan  
Akyol Ali Akin, Turkey  
Al Ahmad Ali, Syria  
Al Azm Amr, Syria  
Al Bouza Nesreen, Syria  
Al Hajali Firas, Syria  
Al Taweel Mohannad, Syria  
Al Zarra Bourhan, Syria  
Alberti Livia, Italy  
Alef Yael, Israel  
Ali Fouad Mona, Egypt  
Amine Afa, Morocco  
Ammar Hakim, Morocco  
Anamaterou Elisavet, Greece  
Antomarchi Catherine, Italy  
Aslan Zaki, Jordan  
Asparuh Mihailov, Slovenia  
Bakirtzis Charalambos, Greece  
Balmelle Catherine, France  
Beijit Lahcen, Morocco  
Belhoucet Lotfi, Tunisia  
Belkamel Bidaoua, Morocco  
Ben Romdhane Hamden, Tunisia  
Boninu Antonietta, Italy  
Bospachieva Mina, Bulgaria  
Bouchenaki Mounir, Algeria  
Bouzidi Rachid, Morocco  
Bouzoubaa Nesma, Morocco  
Brignocchi Sarah, Italy  
Burdajewicz Julia, Poland