



ICHAJ 14

International Conference on the History and Archaeology of Jordan

Culture in Crisis: Flows of Peoples, Artifacts and Ideas

PROGRAM SCHEDULE

MONDAY, JANUARY 21ST

Palazzo Vecchio, Salone dei Cinquecento
Piazza della Signoria

PLENARY OPENING SESSION

Welcome Addresses by the Scientific and Organizing Committees

Welcome Addresses by the Civil and Academic Authorities

KEYNOTES

Oystein LABIANCA - Andrews University

Giovanni CURATOLA – University of Udine

ICHAJ INAUGURATION ADDRESSES BY

HRH Prince El-HASSAN BIN TALAL

10.00-12.30

MONDAY, JANUARY 21ST

University of Florence
Via Capponi 9

8.00-14.30

REGISTRATION

13.00-14.00

WELCOME RECEPTION APERITIVE

14.00-15.00

OPENING OF THE EXHIBITION
The Land of Jordan: An Italian Perspective

AFTERNOON SESSIONS

UniFi – Via Capponi
Room 5

UniFi – Via Capponi
Room 13

UniFi – Via Capponi
Room 14

UniFi – Via Capponi
Room 16

UniFi – Via San Gallo
Aula Magna

*History and Archaeology of
Jordan*

*Science, Methods and
Technology in Archaeology 1*

*Public Archaeology and
Social-Economic
Development 1*

*History and Archaeology of
Jordan*

*History and Archaeology of
Jordan*

CLASSICAL PERIODS 1

LANDSCAPE STUDIES

AWARENESS AND EDUCATION

BRONZE AND IRON AGE 1

PETRA AND NABATEANS 1

15.00-17.20

15.00
15.20

Ekhlass Al Qananweh
A Study of Para-biblical
Texts of the Dead Sea
Scrolls

Lauren N. Prossor
Soil micromorphological
investigation of early Natufian
site, Wadi Hammeh 27,
Jordan

**Claudia Bührig,
Frank Andraschko**
Sustainable Development for
Heritage and Nature
Protection. Transfer and
Communication of Cultural
and Natural Heritage for
Children and Young Adults in
Gadara/Umm Qays

Bernd Müller-Neuhof
No splendid isolation!
Characteristics and
localisation of external
contacts of the LC/EBA
culture in the Northern
Badia

**Caroline Durand,
Yvonne Gerber**
When Nabataeans settled in
the Hejaz: new insights from the
Nabataean fine ware found in
Hegra/Madā'in Sālih (North
West Arabia)

15.20
15.40

Debra Foran
The ritual landscape of the
ancient town of Nebo

**Lisa A. Maher,
Danielle A. Macdonald**
Place-Making in the Wetland:
Microstratigraphic traces of
Hunter-Gatherer Lifeways at
Kharaneh IV and beyond

Katarzyna Radziwiłko
Heritage tourism and public
archaeology reflected by
sociological study and
analysis conducted in
southern Jordan. Case of HLC
Project

Peter M.M.G. Akkermans
Recent research into the
Bronze Age and Iron Age
burial cairns of Jebel
Qurma, east of Azraq

Ueli Bellwald
Wadi Aglat Winery in Little
Petra, a Model for the
Nabataean Wine Production in
the Beidha – Ba'ja Area

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|--|----------------|---|--|---|---|---|
| | 15.40 16.00 | Danielle Steen Fatkin Toward an Understanding of the Nabataean-Judaeen border | B. Lucke, N. Abu Jaber, P. Kouki Sediments in ancient ruins in Jordan as archives of dust deposition and land use | Nofa Nasser The Archaeology Clubs in Schools in Jordan | Susanne Kerner The Ritual Landscape of Murayghat, 5 years of excavation and survey | David F. Graf The Nabataean Crocodile Betyl |
| | 16.00 16.20 | Barbara Reeves Pictorial Graffiti Associated with the Soldiers and Civilians of Nabataean and Roman Humayma | Chiara A. Corbino, Paul Mazza Human-animal interaction in Middle Islamic Jordan (Ayyubid and Mamluk periods) | Franco Sciorilli Father Michele Piccirillo: An archaeologist dedicated to restoration | Andrea Polcaro, Juan Ramon Muniz Jebel Al-Mutawwaq. Preliminary Report of the 2016-2018 Excavation Seasons of the Spanish-Italian Expedition | Z. Al Salameen, F. Abudannah, L. Tholbecq Documenting the visible architectural remains of Kh. Braq (Greater Petra Area): a new joint project between the al-Hussein Bin Talal University (Ma'an, Jordan) and the Université Libre de Bruxelles (ULB) |
| | 16.20 16.40 | John Peter Oleson A Military Brewery in the Trajanic Fort at Hauarra/Humayma, Jordan | P. Kouki, B. Lucke, N. Abu-Jaber Geoarchaeological evidence of cultivation and environment in the Petra region | Lucilla Rami Ceci, Luigi Marino Ruins and People. Economic Crisis, global Tourism and Enhancement of Heritage in Petra (Jordan) | E. Casadei, A. Caselli, V. Alvarez Martinez, J. Garcia del Rio Jebel Al-Mutawwaq. Ceramic and Lithic Analysis from the Spanish-Italian Expedition | F. Rojas, S. Newman, C. Nicosia Archaeological Investigations in Petra's Agricultural Hinterlands |
| | 16.40 17.00 | Noor Mulder-Hymans The Oil Lamps from Tell Abu Sarbut Jordan | R. Gabrielli, F. Sessa, A. Di Savino, A. Angelini, E. Fidenzi, E. Scopinaro, P. Galatà Research and development of a methodology for a three-dimensional representation of Jordan Cultural Heritage for blind and visually impaired people, through digital manufacturing techniques | | | |
| | 17.00 17.20 | Achim Lichtenberger, Rubina Raja The 2011-2018 work of the Danish-German Jerash Northwest Quarter Project: Results and Perspectives | | | | |

TUESDAY, JANUARY 22ND

MORNING SESSIONS (A)

| | | MORNING SESSIONS (A) | | | | | |
|------------|----------------|---|--|---|--|---|---|
| | | UniFi – Via Capponi Room 5 | UniFi – Via Capponi Room 13 | UniFi – Via Capponi Room 14 | UniFi – Via Capponi Room 16 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo Aula Santa Apollonia |
| | | <i>History and Archaeology of Jordan</i> MIDDLE AGES AND OTTOMAN PERIOD 1 | <i>History and Archaeology of Jordan</i> PETRA AND NABATEANS 2 | <i>History and Archaeology of Jordan</i> PREHISTORY 1 | <i>History and Archaeology of Jordan</i> BRONZE AND IRON AGE 2 | <i>History and Archaeology of Jordan</i> CLASSICAL PERIODS 2 | <i>Science, Methods and Technology in Arch. 2</i> LANDSCAPE STUDIES AERIAL AND HISTORICAL PHOTOGRAPHY FOR ARCHAEOLOGY |
| 9.00-11.00 | 9.00 9.20 | Julien Aliquot, Abdulqader Al Housan St. John the Baptist' church in Rihāb: Epigraphy and history | Jennifer Ramsay, Megan A. Perry Archaeobotanical Evidence of Mortuary Behavior from the Shaft Tombs at Petra | Geoffrey A. Clark Pleistocene Forager Mobility in the west Jordanian Highlands – a Landscape Approach | Mohammed Alzahrān Wadi Khuneizir Astonishing Discoveries 2018. Unknown Tombs from the Early Bronze Age and Nabataean Periods | Patric-Alexander Kreuz Amoenitas in change. Decapolis urban ambiances, 2 nd to 6 th centuries | Stefano Anastasio Historical photographs and archaeology: the case study of K.A.C. Creswell's photographs of the Amman Citadel |
| | 9.20 9.40 | Davide Bianchi A Cave to Live and Pray: Topography of Monastic Hermitages in the Valleys of Nebo | Younis Alshdaifat, Zeyad Al Saalme El-khdari Archaeological and Epigraphic Survey Project: The First Season 2017 | R. Jagher, D. Wojtczak, M. Al Nahar, K. Abu Ghaneimeh, F. Hourani, J.-M. Le Tensorer The First Human Settlements on the Left Bank of the Jordan | Meredith S. Chesson There's no place like home: an archaeology of homemaking in EBA III Numayra, Jordan | Nora Voss Trade in the Dekapolis-Region | Mechthild Ladurner, Fawzi Abudanah Ancient Farmsteads in the Hinterland of Petra |
| | 9.40 10.00 | Andrea Vanni-Desideri, Silvia Leporatti The rupestrian chapel of al-Wu'ayra and the hermitic landscape of Christian Petra | Marco Dehner Building a Capital - New Evidence for construction techniques in Petra | A. Alsouliman, A. Nowell, C. E. Cordova, C. Ames, J. Pokines, D. Stueber, C. Walker The paleoenvironment of Shishan Marsh I, a Lower and Middle Paleolithic site in the Azraq Oasis, northeast Jordan | M. D'Andrea, J. C. Long, S. Richard New Insights about the Early Bronze Age Sequence at Khirbat Iskandar: The 2016 excavations | Jeannette H. Boertien Flow of artifacts ... Chalkstone Vessels from Tell Abu Sarbut | Dana Salamin, Ahmad Shami The Middle Ghour (Dair Alla and al Shonah aljanobieh) between documenting and protection using available satellite imagery and aerial photographs |
| | 10.00 10.20 | Khaled Al Bashaireh Ecclesiastical marble trade in Jordan during the Byzantine period: | Fawzi Abudanah What does the archaeological evidence tell us about | J. Zakrzęńska, A. Brzeska-Zastawna, M. Nowak, M. Wasilewski, B. Witkowska | Steve Falconer, Patricia Fall Village Life at Tell Abu en-Ni'aj during the Early | Mohammed Al Nasarat The Southern Jordan in the Notitia Dignitatum. | Andrea Zerbini, Michael Fradley Northern Jordan from the air: landscape change in |

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| | | Case studies discussion | Petra and its hinterland? | Paleolithic of southern Jordan as reflected by inventories from the site of Faysaliyya (Shawbak directorate) | Bronze Age Urban Crisis | A Historical – Geographical Approach | the mohafazhat of Irbid, Ajlun and Jarash over the last 100 years |
| | 10.20 10.40 | | Robert Wenning Petraean Sculptures in Context – Problems and Insights | D. Wojtczak, R. Jagher, M. al-Nahar, K. Abu Ghaneimeh, F. Hourani, J.-M. Le Tensorer Early Middle Palaeolithic sites from Jordan and their contribution in understanding of a laminar phenomenon in the Levant | Lorenzo Nigro, Elisabetta Gallo Khirbet al-Batrawy 2015-2017: the EB II-III four-lined fortifications and the discovery of the EB III City-Gate | Pawel Filipczak The Province of Arabia in the Fourth Century AD. The voice of the rhetor Libanius | Monther Jamhawi, Aktham Oweidi Archaeological projects in Jordan in perspective |
| | 10.40 11.00 | | | F. Sauer, J. Richter, Dirk Leder Late Pleistocene landscape and human mobility east of the Jordan Rift Valley: Results of geoaarcheological research in Wadi Sabra | Roser Marsal Rainwater storage systems at the site of Sela: ancient water technology in Southern Transjordan | | |
| 10.40-11.10 | | COFFEE BREAK | | | | | |

TUESDAY, JANUARY 22ND

MORNING SESSIONS (B)

| | | UniFi – Via Capponi Room 5 | UniFi – Via Capponi Room 13 | UniFi – Via Capponi Room 14 | UniFi – Via Capponi Room 16 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo Aula Santa Apollonia |
|-------------|----------------|---|--|---|--|---|--|
| | | <i>History and Archaeology of Jordan</i> | <i>History and Archaeology of Jordan</i> | <i>Public Archaeology and Social-Economic Development 2</i> | <i>History and Archaeology of Jordan</i> | <i>History and Archaeology of Jordan</i> | <i>Science, Methods and Technology in Archaeology 3</i> |
| | | CLASSICAL PERIODS 3 | PETRA AND NABATEANS 3 | AWARENESS AND EDUCATION/ILLCIT TRAFFICKING | MIDDLE AGES AND OTTOMAN PERIOD 2 | BRONZE AND IRON AGE 3 | LAND RESOURCES MANAGEMENT |
| 11.10-12.50 | 11.10 11.30 | Claudia Bührig Ancient Gadara and its Hinterland | Pauline Piraud-Fournet Houses of Nabataean and Roman eras at Dharih and elsewhere | Ahamad Elamaireh, Amjad Awad Madaba Institute for Mosaic Art & Restoration and its role in pioneering and restoration of mosaic floors and training and teaching IN ARABIC | Robert W. Smith The Development of the Abila/Quwaylibah Pilgrimage Site in Byzantine 'Palaestina Secunda' and Umayyad 'Jund al-Urdunn' | Mohammad Najjar, Steven Collins Rethinking the Middle Bronze Age of Southern Jordan Valley in the light of the new discoveries at the site of Tall al-Hammam, Jordan Valley | Amer Alsouliman Pre-oasis culture in the northwest Arabian Peninsula (Mid-Holocene Qulban Bni Mura Jordan) |
| | 11.30 11.50 | Brita Jansen The Hellenistic fortification of Seleukeia Gadara (Umm Qays) | Megan A. Perry Petra in Crisis? Disease and mortality of city residents on the eve of the Roman Annexation | Abdel H. Al Husban Discontinuities (Physical, Emotional and Cognitive) and cultural heritage in Jordan: Illicit trafficking of archaeological objects | Basema Hamarneh Rural Properties in Byzantine and Islamic Arabia and Palaestina Tertia: Church, State and Landowning élite | Steven Edwards 'Ayn Qusayba: Excavations at a Middle Bronze Site in Northern Jordan | Saba Farès, Vincent Ollive GIS mapping of long-term human interaction and water access in Wadi Ramm |

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| | <p>11.50 12.10</p> | <p>David Boyer Water storage in the context of Gerasa's water management system in the Classical period</p> | <p>Mark Abbe, Michael Morris, Megan Perry Two Newly Discovered Marble Statues of Aphrodite from Petra's North Ridge</p> | <p>Ahmad Shami The obsession of searching for treasures: its negative impact on archaeological sites and the role of awareness in preserving them</p> | <p>Piero Gilento Umm as-Surab: Archaeology and Architecture in a Northern Jordanian Village. Data from the 2017 and 2018 Fieldwork Seasons</p> | <p>Ismaeel Melhem The Unique Funerary Objects in the Burial of Saham al-Kfarat. From the late Bronze Age and its Technical, Social and Economic Connotations</p> <p>IN ARABIC</p> | <p>Claudine Dauphin, Mohamed Ben Jeddou Reconstructing a late antique, anthropized, rural landscape: the dynamics of Byzantine wadi agriculture and viticulture at Umm ar-Rasas (Mefaa)</p> |
| | <p>12.10 12.30</p> | <p>Craig A. Harvey The Cylindrical Heating Pipes of the Roman Bath at 'Ayn Gharandal</p> | <p>Thibaud Fournet, François Renel On the steps of the Qasr al-Bint: New architectural study on the temple area (Petra)</p> | <p>Morag M. Kersel From the Mound to the Mantelpiece – The Movement of Early Bronze Age Pots from the Dead Sea Plain in Jordan</p> | <p>P. Nocuń, A. Węgrzynek, A. Ochal-Czarnowicz First results of the new archaeological projectat Qasr ed-Deir (Tafila)</p> | <p>Margreet L. Steiner The Late Bronze Age Temple at Deir Alla - A Reassessment</p> | <p>Margherita Azzari, Chiara Marcotulli Surveying the villages: a first systematic approach to the archaeological contextualization and the cultural tourism developing of the rural settlements in the Municipality of Shawbak</p> |
| | <p>12.30 12.50</p> | | <p>François Renel Imported pottery in the Qasr al-Bint area: an image of the international trade in Petra (3rd c. BC – 6th c. AD)</p> | <p>M. Jamhawi, S. Khouri, O. Nofal Modern Technology for Documentation and Safe-guarding of Movable and Immovable Antiquities in the Department of Antiquities</p> | <p>Maher Tarboush Preliminary results of Tell Al-Husn excavations – North Jordan</p> | | |
| <p>12.50-14.30</p> | | <p>LUNCH BREAK</p> | | | | | |

TUESDAY, JANUARY 22ND

AFTERNOON SESSIONS

| | | AFTERNOON SESSIONS | | | | | |
|-------------|----------------|--|---|--|--|--|--|
| | | UniFi – Via Capponi Room 5 | UniFi – Via Capponi Room 13 | UniFi – Via Capponi Room 14 | UniFi – Via Capponi Room 16 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo Aula Parva |
| | | <i>History and Archaeology of Jordan</i> CLASSICAL PERIODS 4 | <i>History and Archaeology of Jordan</i> MIDDLE AGES AND OTTOMAN PERIOD 3 | <i>Public Archaeology and Social-Economic Development 3</i> CONSERVATION AND SITE MANAGEMENT 1 | <i>History and Archaeology of Jordan</i> BRONZE AND IRON AGE 4 | <i>History and Archaeology of Jordan</i> PREHISTORY 2 | <i>Science, Methods and Technology in Arch. 4</i> STRUCTURAL ANALYSES AND NEW TECHNOLOGIES |
| 14.30-16.30 | 14.30 14.50 | <p>Bilal Annan A Multifaceted Death: Funerary Portraiture in Roman Jordan</p> | <p>Zakariya Na'imat De-marginalizing the margins: the essence and functions of the Umayyad Qusūr reconsidered</p> | <p>Farah Abu Naser A Comprehensive Conservation Plan and 3D Reconstruction at Umm Qais, Jordan</p> | <p>P. M. Michèle Daviau Figurines and Statues from Khirbat al- Mudayna Thamad</p> | <p>T. Richter, A. Arranz- Otaegui, M. Jones, J. Roe, L. Yeomans Environmental Crisis and Societal Collapse: Was the Younger Dryas a significant factor in triggering the transition from the Palaeolithic to the Neolithic in the Levant?</p> | <p>Diala Atiyat, Ali Abu Ghanimeh The role of Smart tourism tools in heritage city context</p> |
| | 14.50 15.10 | <p>Jolanta Młynarczyk, Mariusz Burdajewicz On the north-eastern border of ancient Capitolias. Archaeological research by the University of Warsaw in Beit Ras 2014-2016</p> | <p>G. De Palma, M. José Mano, G. Sobrà The restoration works in Qusayr 'Amra: an opportunity for an in- depth knowledge on the Umayyad mural paintings</p> | <p>Győző Vörös The Archaeological Site Management, Preservation and Conservation of Machaerus/Mukawir, Overlooking the Dead Sea in Jordan</p> | <p>Mohammad H. Jaradat The Techniques of Mud Bricks Manufacturing & Its construction Deir Alla / Jordan Valley</p> | <p>Phillip Edwards The origins of a Natufian 'base- camp': new evidence from Wadi Hammeh 27</p> | <p>A. Polcaro, M. D'Andrea, R. Gabrielli, M. Cozzolino, G. Batocchioni, L. Romagnoli, V. Gaspari, B. Lucherini, F. Sciorilli, D. Clark, S. Richard The Madaba Regional Archaeological Museum Project: a multidisciplinary approach to preserving the archaeological park while envisioning a new museum</p> |
| | 15.10 15.30 | <p>Mohammad Mubarak Roman Mausoleums of Khrebit es Souq – Northern Mausoleum (Qasir El Redini) and Eastern Mausoleum</p> | <p>Ahmad Lash Restoration of Al-Qastal Mosque</p> | <p>Duha Al Hwayan Tourism in Jordan Reality and State in The Light of Arab Spring Case Study: Jerash and Petra IN ARABIC</p> | <p>Katharina Schmidt Was there Glass Production or Glass Manufacturing at Tall Zirā'a? An Evaluation of the Archaeological and Archaeometrical Material</p> | <p>Adam M. Valka Technological Developments and Continuity in the Late Epipalaeolithic Jordan Valley: The Lithic Assemblages from the Lower Deposits of Wadi Hammeh 27</p> | <p>G. Cesaro, G. Delmonaco, M. Jamhawi, S. Farajat, T. Salhi, H. Al Taher, H. Lawamah, K. Amryyin, H. Hjazeen Slope consolidation works in the 'Siq' of Petra: a pioneering approach</p> |

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| | <p>15.30 15.50</p> | <p>Khaled Al Hawawrah, Basem Mahamid The Roman Tomb (Mausoleum) of Dhiban IN ARABIC</p> | <p>Raffaella Pappalardo Life after the earthquake: an early Abbasid domestic assemblage from Jerash</p> | <p>M. El Khalili, M. Jamhawi, N. Al Adarbeh, A. Al Bawab The Amman Nymphaeum Archaeological Park: Conservation and Rehabilitation Project</p> | <p>Stefanie P. Elkins The Khirbat 'Ataruz Cult Stand</p> | <p>M.-L. Chambrade, S. L. Smith Investigating the Prehistoric Landscape of the "Black Desert": Results of the "Western Harra Survey"</p> | <p>R. Gabrielli, G. Caruso, G. Delmonaco, C. Intrigila Seismic vulnerability investigations on the Stylite Tower at Umm ar-Rasas</p> |
| | <p>15.50 16.10</p> | <p>Adeeb Abushmais Sundial discovered in Amman Citadel 2009</p> | | <p>Ahmad Yousef The role of the Directorate of Internal Monitoring in Preserving the Cultural Heritage IN ARABIC</p> | <p>Omar Al Ghul The Assyrian Contacts with the Jordan Valley during Iron Age II</p> | <p>Gary Rollefson Omnem movere lapidem ("To Move Every Stone", Latin proverb)</p> | <p>G. Delmonaco, M. Jamhawi, A. Shhaltough Karak Castle instability: from damage analysis to consolidation works</p> |
| | <p>16.10 16.30</p> | | | | <p>Hani Hayajneh Nomadic Mobility during the late 2nd Millennium BC and Early 1st Millennium AD among Arabian Safaitic Tribes in the Jordanian Badiya and Beyond: An Epigraphical and Philological Approach</p> | | <p>R. Gabrielli, A. Albiero, E. S. Malinverni, R. Pierdicca, D. Scortecci Development of a management system for the analysis and dissemination of Santo Stefano Church's mosaics in Umm ar Rasas (Jordan)</p> |

WEDNESDAY, JANUARY 23RD

MORNING SESSIONS (A)

| | | UniFi – Via Capponi Room 5 | UniFi – Via Capponi Room 13 | UniFi – Via Capponi Room 14 | UniFi – Via Capponi Room 16 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo Aula Parva |
|------------|---------------|--|---|--|--|---|--|
| | | <i>History and Archaeology of Jordan</i> | <i>History and Archaeology of Jordan</i> | <i>Public Archaeology and Social-Economic Development 4</i> | <i>History and Archaeology of Jordan</i> | <i>Jordan in Global Histories</i> | <i>Science, Methods and Technology in Arch. 5</i> |
| | | PREHISTORY 3 | MIDDLE AGES AND OTTOMAN PERIOD 4 | CONSERVATION AND SITE MANAGEMENT 2 | BRONZE AND IRON AGE 5 | THE LAND OF PEACE 1 | 3D DOCUMENTATION AND VIRTUAL REALITY APPLICATIONS |
| 9.00-11.00 | 9.00 9.20 | J. Schoenberg, J. Richter, F. Lehmkuhl, M. Al Nahar 10 years of research into the Palaeolithic Archaeology of the Wadi Sabra / Southern Jordan | Elisabeth Holmqvist-Sipilä Ceramic evidence for movement and economies in southern Jordan and the Negev during the early Islamic period | T. Al Salhi, M. Jamhawi, G. Cesaro, A. Orbasli, H. Taher, I. Farajat, S. Farajat, H. Hjazeeen Management planning as a participatory and consultative process: the example of the Petra Integrated Management Plan | Y. Elayan, R. Hunziker-Rodewald The Citadel of Rabbat-Ammon in the Early Iron Age: A Center of Influence | Randall W. Younker The flow of peoples, artifacts and ideas through Jalul | Ziad Al Saad The use of 3D technologies in cultural heritage interpretation and presentation: a case study from Jordan |
| | 9.20 9.40 | Yorke Rowan Distribution of Petroglyphs at Wisad Pools, Black Desert, Jordan | Carmelo Pappalardo, Anna Lena "The Remains of Nothing"? Pre-Crusader materials from the excavation of the "Medieval Petra – Shawbak Castle Project" of the University of Florence: residuality and other issues | Tariq Al Mhairat Assessment of Interpretation & Presentation Methods in Archaeological sites in Madaba | Roumel Gharib Northern Borders of Ammonite Kingdom (Zarqa) through Excavations | Hashem Khries Evidence of administration linked to the Persian domination in the Levant in the light of architectural discoveries | R. Gabrielli, A. Angelini, R. Franchi, E. Fidenzi The Palace Tomb. A methodological approach for the survey of one of the most important monument of Petra Archaeological Park |
| | 9.40 10.00 | S. Smith, Z. Collier, B. Finlayson What does it all mean? Taphonomy, space and chipped stone at PPNA WF16, | Micaela Sinibaldi Settlement in Crusader Transjordan (1100–1189): a Historical and Archaeological Study | Fadi Bala'awi Conservation work based on rapid condition assessment: Is it realistic? | Paul Z. Gregor Khirbet Safra: A military installation or regular settlement | Oystein S. LaBianca Jordan in Global Histories: the view from Tall Hisban | Björn Anderson Immersive technology, Cultural Heritage and Public Humanities and 'Virtual Petra' |

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| | | southern Jordan | | | | | |
| | 10.00 10.20 | Karin Barli Mushash 163: A settlement of the late PPNA/ early PPNB in the Northwestern Badia | M. Nucciotti, C. Marcotulli, C. Luschi The 12 th century castle of Al-Habis in Petra: a Light Archaeology of "longue durée" | Husam Hjazeen Local Community Development in Heritage at Amman Citadel (Jabal al-Qal'a) | Lorenzo Nigro, Roumel Gharib The Iron Age IIB-C Ammonite strongholds of Jamaan and Rujm al-Jamus, north-central Jordan | Konstantinos D. Politis The movement of peoples, their material culture and ideas in the Gawar al-Safi during Hellenistic, Roman, Byzantine and the Islamic periods | P. Drap, O. Papini, M. Ben Ellefi, D. Merad, M. Motasem Nawaf, J.-P. Royer, M. Saccone, E. Pruno, M. Nucciotti, G. Vannini From ontology to virtual reality: photogrammetry survey for medieval archaeology |
| | 10.20 10.40 | J. José Ibáñez, J. Muñiz, E. Iriarte, L. Teira, J. Santana, F. Borrell, M. Monik, L. Gourichon, A. Arranz-Otaegui, M. Portillo Kharaysin (Zarqa): A PPNA and PPNB megasite by the Zarqa River | E. Vigouroux, F. Imbert, R. Elter The Ayyubid complex of Khirbat al-Dusaq: nature and raison d'être | Muhammad Al-Absi Survey of most common deterioration types and factors of archaeological columns in Jordan | Aaron Schade, Chango-Ho Ji Khirbat Ataruz in the Late Iron IIB and Iron IIC Periods: Synthesizing 15-Years of Archaeological Excavation Findings | Walter Ward Urbanism in the late antique Decapolis: Jerash and Scythopolis compared | K. Kopij, J. Bodzek, Ł. Misk, M. Bernaś, H. Dec, K. Sawicka, A. Słodowska, K. Widuch ArTu:DTu – Laser scanning and close range photogrammetry in Dajanyia and Tuwaneh, South Jordan |
| | 10.40 11.00 | Hans Georg K. Gebel The LPPNB Mega-Site Phenomenon: Promoters of Rise and Collapse Revisited | Lorenzo Fragai The Ayyubid Qā'at al-Nāširiin Kerak Castle: archaeological analysis and historical contextualization of a Middle Islamic palace (13 th century) | Yousef Abu Ali Development and Promotion of the Tourist Site of Umm El-Jimal | | | |
| 10.40-11.10 | COFFEE BREAK | | | | | | |

WEDNESDAY, JANUARY 23RD

MORNING SESSIONS (B)

| | | UniFi – Via Capponi Room 5 | UniFi – Via Capponi Room 13 | UniFi – Via Capponi Room 14 | UniFi – Via Capponi Room 16 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo Aula Parva |
|-------------|----------------|--|--|--|--|--|--|
| | | <i>History and Archaeology of Jordan</i> PREHISTORY 4 | <i>History and Archaeology of Jordan</i> MIDDLE AGES AND OTTOMAN PERIOD 5 | <i>Public Archaeology and Social-Economic Development 5</i> LOCAL COMMUNITY ENGAGEMENT | <i>History and Archaeology of Jordan</i> BRONZE AND IRON AGE 6 | <i>Science, Methods and Technology in Arch. 6</i> BIG DATA AND INFORMATION TECHNOLOGY | <i>Jordan in Global Histories</i> THE LAND OF PEACE 2 |
| | | | | | | | |
| 11.10-12.50 | 11.10 11.30 | Ingolf Thuesen, Moritz Kinzel Shkārāt Msaied as Cultural heritage | I. W. N. Jones, M. Najjar, T. E. Levy Islamic Faynan: The Settlement History of a Mining Region in Southern Jordan between the 7 th and 19 th centuries AD | D. R. Clark, S. Richard, A. Polcaro, M. D'Andrea, B. Mahamid The Madaba Regional Archaeological Museum Project (MRAMP): Three Years of Community Archaeology | A. Lahelma, M. Lorenzon, R. Bonnie, E. Holmqvist-Sipilä, P. Kouki, P. Miettunen, S. Thomas Ancient Near Eastern Empires: Exploring the long-term regional impact of Empires upon fringe zone communities in the first millennium BCE | Omar Nofal Improvements the Information Technology in DOA & ICHAJ | Abeer Allahham A Power-based reading of the Muslim built environment in the Middle East. An Ibn Khaldunian Perspective |
| | 11.30 11.50 | J. Moser, D. Rokitta-Krumnow The lithic finds of the Gadara/Umm Qays hinterland survey | Reem Al Shqour The Ayyubid and Mamluk Khans at Aqaba | Andrew M. Smith Cultural Heritage and Economic Development in Wadi Araba: Trials, Tribulations, and Opportunities | Constance E. Gane Jalul on the Crossroads of the Great Empires | Hala Syoof Experience Exchange in the Archive and Documentation Methods IN ARABIC | Beatrice St. Laurent, Isam Awwad Who built the Dome of the Rock: a re-evaluation? |
| | 11.50 12.10 | W. Abu Azizeh, M. Tarawneh, R. Crassard, J. Antonio Sanchez-Priego Neolithic mass hunting game traps ("Desert kites") and related hunters' campsites in the Southeastern Badia of Jordan | Elisa Pruno Sherds of Luxury: Imported Pottery in Southern Transjordan | Maria Elena Ronza Is community engagement in archaeology building the social capital in Jordan? Reasoning on a decade of community oriented projects in Jordan | Rocío Da Riva The Rock-Inscription of King Nabonidus in Sela: a Preliminary Study | J. Häser, B. Beitz, S. Khouri DOJAM – A new database for Jordanian museums | David H. Vila Notes on a Possible Early Mihrab in the Area E church at Abila |

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|-------------|----------------|---|--|---|--|---|---|
| | 12.10 12.30 | Maysoon Al Nahar M/LPPNB Human Skulls and Yarmoukian Findings at Tell Abu Suwwan: Results of the 2016 Excavation Season | Elena Casalini An Islamic Glass Disk Weight fragment from Shawbak Castle | Oroub El Abed, Aydah Abu Tayeh, Zeena Sultan, Rudinah Momani The Missed Opportunity: Neolithic Past and Cultural Heritage in South Jordan | Afaf Zeyadeh Orientalism in the Archaeology of Bilād ash-Shām and the Problematic of Local Inheritance in Urban Spaces Planning IN ARABIC | Samar Hababbeh MEGA in action: Assessing its contribution to the visibility of the Jordanian archaeological and historical heritage and proposal to remedy its shortcomings | B. de Vries, M. Hazza, D. Al Farraj, M. Al Haddad, J. Suleiman A Landscape of Peace at Umm el-Jimal: using spaces of the mind and spaces on the ground to link the Islamic Heritage of the Modern Community and the 'pre-Islamic' heritage of archaeological site |
| | 12.30 12.50 | Aven Mazen Hmoud Al Qatameen Neolithic Removed Skull: An Interpretative Perspective | Musallam Al Rawahneh An Archaeological and Chemical Study of Ayyubid/Mamluk Glazed and Painted Pottery Sherds from Al Rabbah, Jordan | R. Bewley, B. Rouhani, A. Vafadari Training in Endangered Archaeology methodology for the Jordanian and Palestinian Heritage Stakeholders | | E. Hatziminaoglou, D. R. Clark Archaeology meets Astronomy: in search of our origins | M. Ben Jeddou, C. Dauphin From Khan to Encampment. Exploring the Pilgrim Soppers in Jordan on the Medieval and Ottoman Darb al-Hajj to Mecca |
| | 12.50 13.10 | | | | | A. Vernet, P.-M. Blanc, G. Davtian The MHJ project in Jordan: a multi-period recording system for local heritage | |
| 12.50-14.30 | | LUNCH BREAK | | | | | |

WEDNESDAY, JANUARY 23RD

AFTERNOON SESSIONS

| | | AFTERNOON SESSIONS | | | | | |
|-------------|----------------|---|--|---|--|--|--|
| | | UniFi – Via Capponi Room 5 | UniFi – Via Capponi Room 13 | UniFi – Via Capponi Room 14 | UniFi – Via Capponi Room 16 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo Aula Parva |
| | | <i>History and Archaeology of Jordan</i> PREHISTORY 5 | <i>Science, Methods and Technology in Arch. 7</i> CHEMICAL ANALYSES | <i>Public Archaeology and Social-Economic Development 6</i> LOCAL COMMUNITY ENGAGEMENT MUSEUM AND COLLECTION | <i>History and Archaeology of Jordan</i> PETRA AND NABATEANS 4 | <i>History and Archaeology of Jordan</i> MIDDLE AGES AND OTTOMAN PERIOD 6 | <i>Science, Methods and Technology in Arch. 8</i> ARTIFACT STUDIES |
| 14.30-16.30 | 14.30 14.50 | Kevin Gibbs Excavations at a Yarmoukian site in Wadi Quseiba, northern Jordan | M. Naes, B. Kangießer, B. Kolb Painting with Gold in Nabatean Petra: microanalysis, micromorphology and some conservation aspects | Suzie Thomas, Rick Bonnie Collaborating at home and abroad: Using museum exhibitions to engage with local and refuge communities | Leigh-Ann Bedal It's in the Pipeline: the chronology of ceramic pipelines in the Petra Garden and Pool Complex | Piotr Makowski A step back into the past. The rise of the Islamic plain handmade ware in southern Jordan: the case study of Khirbat edh-Dharir | Amjad Awad Using Optical Emission Spectroscopy (OAS) and Atomic Absorption Spectroscopy (AAS) in the analysis of archaeological artifacts |
| | 14.50 15.10 | Elizabeth Gibbon Late Neolithic Ceramic and Obsidian Networks in the Levant | R. Franchi, R. Gabrielli, E. Lupo, A. Angelini Multidisciplinary approach to the historical and artistic heritage in the area of Petra | Shatha Mubaideen, Enas Qasem Rehabilitation of Iraq Al Amir archaeological site (Qasr Al-Abd) and its Surrounding for Sustainable Cultural Tourism Purposes | S. Thomas Parker Searching for Petra's Non-Elite Population on the North Ridge | Nicolò Pini "The Times They Are a- Changin'". Built environment as resilience marker of social identities | Fatma Marii Recycling Glass in Byzantine Period in the Levant |
| | 15.10 15.30 | Zeidan Kafafi Late Neolithic Settlement Patterns in Wadi az-Zarqa (Sixth and Fifth Millennia BC) | Sahar Al Khasawneh, Nizar abu Jaber, Catreana Hamarneh, Andrew Murray Testing new luminescence dating technique for the wide spread terraces structures in Petra region | Bill Finlayson A Wadi Grows Up | Cynthia Finlayson Rethinking Monument 468 (The Berg-Berg Monument) on the Ad-Deir Plateau Petra, Jordan | Bethany J. Walker Resilience in the Face of Regional Crises: Identifying local know- how and decision- making at Mamluk-era Ḥisbān | Julia Burdajewicz Technical know-how in crisis? Technique of execution of wall paintings in Byzantine period (AD 324-640) |

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|--|----------------|--|---|---|---|---|--|
| | 15.30 15.50 | P. Kołodziejczyk, M. Nowak, M. Wasilewski, J. Karmowski, M. Czarnowicz, J. Zakrzeńska, A. Brzeska-Zastawna, B. Witkowska Southern Jordan in the Neolithic and Early Bronze Age. New data from Polish archaeological project conducted in years 2014-2018 | Mohammad Al Shebli The conservation and restoration of Al-Qatraneh Fortress project | Bushra Nabas Adaptive Reuse of Uncomfortable Heritage – How to benefit from the European Experience in Jordan | Will M. Kennedy Characterizing Terra Petraea – The Petra Hinterland in Nabataean-Roman Time | John B. Winterburn The Late Ottoman Period Defended Landscapes of Southern Jordan | Danielle A. Macdonald, Lisa A. Maher Artistic traditions in the Early and Middle Epipalaeolithic: Kharaneh IV in perspective |
| | 15.50 16.10 | Pascal Flohr Protecting Prehistory: Finding Late Neolithic sites in Jordan | | Jamelah Shtawey The Story of the Museum at the lowest place on Earth/ Ghor as-Safi IN ARABIC | | Robert Schick Jordan at the Turn of the 18 th -19 th Centuries | |
| | 16.10 16.30 | | | | | Stephan G. Schmid, Zbigniew T. Fiema Paul Schröder's visit to Petra and Transjordan in 1905 | |

WEDNESDAY, JANUARY 23RD

Istituto degli Innocenti

Piazza della Santissima Annunziata, 12

Salone Brunelleschi, Sala Poccetti

20.30-23.30

ICHAJ 14 GALA

THURSDAY, JANUARY 24TH

Teatro della Compagnia

Via Camillo Cavour, 50/R

10.30-13.00

SPECIAL EVENT

**Culture in crisis affected countries:
*The experience of Italy, Jordan and UNESCO in preserving Cultural Heritage***

with the participation of

HRH Prince EI-HASSAN BIN TALAL

THURSDAY, JANUARY 24TH

University of Florence

Via San Gallo, 10

13.00-14.00

LUNCH BREAK

14.00-15.40

WORKSHOPS

UniFi – Via San Gallo
Aula Magna

Sustainable Cultural Heritage Through Engagement of Local Communities Project (SCHEP)

CHAIRS: Nizar Al Adarbeh, Jihad Haron, and Jack Green

Nizar Al Adarbeh

The SCHEP Community Engagement Model

Jihad Haron

The Site Stewardship Model

Bert de Vries

Signage Manufacture at Umm el-Jimal: Creating a Microbusiness for Vandalism-Resistant Installations

Kaelin Groom (key presenter), **Casey D. Allen**, **George Bevan**

The Rock-Art Rangers Program: Enhancing Tourism and Improving Employment Outcomes in Wadi Rum

Douglas R. Clark, **Marta D'Andrea**

Community Engagement in Downtown Madaba: The Madaba Regional Archaeological Museum Project (MRAMP)

Jack Green, **Franco Sciorilli**

Emergency Conservation and Community Training at the Temple of the Winged Lions, Petra

UniFi – Via San Gallo
Aula Parva

Endangered Archaeology in the Middle East and North Africa (EAMENA). Culture in Crisis - the role of digital documentation in heritage protection and management

CHAIR: Robert Bewley

Robert Bewley

Culture in Crisis and EAMENA – Current state of archaeology in Jordan with a brief introduction to the workshop and EAMENA project

Bijan Rouhani

Capacity building in digital documentation to strengthen heritage protection – The role of EAMENA

Morag Kersel

Looting and illicit trade in antiquities

PANEL DISCUSSION

list of participants:

Ziad Al Saad

Yazid Elayan

Samar Hababbeh

Jihad Haron

Jutta Häser

Monther Jamhawi

Morag Kersel

Carol Palmer

15.40-16.00

COFFEE BREAK

| | WORKSHOPS | POSTER SESSION |
|-------------|---|---|
| 16.00-17.40 | UniFi – Via San Gallo Aula Magna | UniFi – Via San Gallo EST 48 49 - antecedent Aula Magna |
| | <i>The new discovery of the Bayt Ras Tomb</i> | Sereen Al Shoubaki New Mathematical and Artistic Approach to the understanding of the facade of al- Mushatta Palace |
| | <i>CHAIR: Jehad Haron</i> | |
| | Director General of the Department of Antiquities Bayt Ras Tomb importance | Ann Andersson The Ritual Landscape of Murayghat: The EBA and MBA Ceramic Assemblages from the 2014-2018 Excavations |
| | Amjad Bataineh Bayt Ras tomb | Ezio Burri, Angelo Ferrari Ancient water supply systems in the Ma'An area (south Jordan) |
| | Nizar Al Adarbeh Consortium Building as a Model of Cooperation | Ezio Burri, Andrea Del Bon, Pasquale Di Paolo, Angelo Ferrari, Massimo Mancini, Marco Meneghini, Pietro Ragni Rock dwellings in the Showbak castle area |
| | Jehad Haron, Ahmad Lash Bayt Ras in Arabic resources | Gaia Cecconi Bone tools from the EB IIIB "Palace of the copper axes" at Khirbet al-Batrawy, Jordan |
| | Soizik Bechetoille Bayt Ras Tomb 2016: First chronological assessment of the various uses of the Bayt Ras Tomb | Meredith S. Chesson, Morag M. Kersel Excavating Extraordinary Archives: Transforming Archaeological Practice in Jordan through the Lens of R. Thomas Schaub's Correspondence for the Expedition to the Dead Sea Plains |
| | Julian Aliquot, Pierre-Louis Gatier, Jean-Baptiste Yon The "Founder's Tomb": The New Painted Hypogaeum of Bayt Ras and the Civic Foundation of Capitolias | Samar Hababbeh, Omar Nofal From JADIS to MEGA-Jordan |
| | Giuseppe Delmonaco, Luca Maria Puzilli, Francesco Traversa Geophysical and geotechnical investigation for sustainable conservation of the Roman painted tomb in Bayt Ras | Spyros Koulouris The Creswell online network: documenting Islamic architecture through early photography |
| | Marie José Mano, Giorgio Sobrà Conservation activity in Beit Ras | Bassem Mahamid, Abdullah al Bawareed The Rehabilitation Project of Madaba Cathedral |
| | Claude Vibert-Guigue The Bayt Ras painted tomb (2016) through the ongoing archaeological documentation | Marzia Marcantonini Affect of man on the environment: a case of study in the Al-Korah District, Jordan, from the beginning of the Early Bronze Age to the Byzantine Period. Arwa Mas'deh Balū' Between Site and People Maria Elena Ronza, Eman Abdassalam Employment through Heritage Project - EHP Valentina Virgili Christian communities in Jordan during the first Arab domination through epigraphic sources |
| | 14.00-16.00 | MINI TOURS |

FRIDAY, JANUARY 25TH

MORNING SESSIONS (A)

UniFi – Via Capponi
Room 5

UniFi – Via Capponi
Room 13

UniFi – Via Capponi
Room 14

History and Archaeology of Jordan
PREHISTORY 6

Science, Methods and Technology in Arch. 9
ETHNO-ARCHAEOLOGICAL METHODOLOGIES

*Public Archaeology and Social-Economic
Development 7*
MUSEUM AND COLLECTION

9.00-10.40

9.00
9.20

**Takuro Adachi,
Sumio Fujii**
Chalcolithic Ritual Potteries from Harrat Juhayra
1 and 2, Southern Jordan

**E. Jenkins, C. Palmer,
S. Allcock, S. Elliot,
D. Vos**
Understanding construction and activity areas at
Neolithic sites through combined ethnographic,
phytolith and geochemical investigation

Qais Tweissi
The new Raqmu-Petra Museum, a step
ahead for a modern collection
management at Petra

9.20
9.40

Sumio Fujii
Harrat Juhayra 2: a Chalcolithic settlement and
cemetery in the Jafr Basin, southern Jordan

Maria-Louise Sidoroff
An ethnoarchaeological study of Zizia Pottery
Factory in Jizza, Jordan

Lina Bakkar
The role of Jordanian museums in activating
national awareness

9.40
10.00

Moawiyah M. Ibrahim
Chalcolithic Sahab between Highland and
Desert

**Elisa Pruno,
Raffaele Ranieri**
Material culture and residuality: methodological
perspectives. The medieval contexts of Shawbak

Yosha Alamri
Excavated, documented, and stored/
exhibited Is it Safe now?

10.00
10.20

Alexander Ahrens
Connecting the Jordan Valley with the
Transjordanian Highlands: Results of the Wadi
Shu'aib Archaeological Survey Project, 2016–
2018

Abdalla J. Nabulsi
Unusual burials from Khirbet es-Samrā site

10.20-10.40

COFFEE BREAK

Aula Magna del Rettorato

Piazza San Marco, 4

12.00-13.00

PLENARY CLOSING SESSION

13.00-14.00

FAREWELL APERITIVE