

Foreword

Between the 23rd and 25th of May, it was held in the Italian Basilicata region, in the Southern city of Matera the 2018 YOCOCU (Youth in Conservation of Cultural Heritage) Conference devoted to the theme of Dialogues with Cultural Heritage.

The chairs of this conference were Andrea Macchia (Yococu-Italy), Mauro Francesco de la Russa (Calabria University) and Fernanda Prestileo (National Research Council-CNR/ICVBC-Italy). The event registered the attendance of large number of speakers and participants (circa 303) from different European, Asian and Latin American countries (24), as well many professionals and students.

The Conference was divided in different sessions covering a wide range of topics related with Cultural Heritage:

- Museum & Indoor Environment (session 2: Monitoring and Indoor Quality Assessment and Monitoring; Design and Exhibition)
- Analytical Investigation (session3: Stone and Painting)
- Archaeometry (session 4: Ceramics; Glass and Metals)
- Cultural Heritage (Session 6: Interpretation; Management and Policy; Education and Interpretation))
- Cultural Heritage in America (session 7)
- Architectural and Built Heritage (Session 8: Industrial Heritage and Archaeology; Restoration, Reuse and Retrofitting)
- Restoration Case Studies (Session 9: Researches; Treatments; Stone; Other Materials)
- Archaeology and Archaeological Heritage (Session 10 and 12: Archaeological Science Conservation and Documentation; Public Archaeology and Valorization project; History, Traditional Building Techniques and Documentation/Archaeological Research and Cultural Landscape; Cultural values of water for wayúu indigenous community in Colombia)
- Risk Analysis and Mitigation (Session 13).
- Poster Session
- Living Labs

In association with YOCOCU Italy the ECR Editorial Board decided to collaborate with the partial edition of the Matera Conference Proceedings. As result the present Issue proposes 6 papers delivered as oral communications during the Conference:

1) Marco Colombo, Stijn Legrand, Geert Van der Snickt, Koen Janssens – *Improving Data Exploration Methods from Macro Imaging Techniques: in situ scanning macro-XRF investigation on a majolica tile tableau* (Session 4- Archaeometry- Ceramics);

2) Aldo R.D. Accardi – *Accessibility and enjoyment of classic theatres: the musealization of archaeological ruins*; (Session 2: Museum & Indoor Environment: Design and Exhibition);

3) Cong Wang; Sandro Moretti, Mara Caimatti – *Fast Non-invasive Identification of Binding Media in Easel Paintings by a Portable hyperspectral sensor* (Session 3- Analytical Investigation: Stone and Painting);

4) Alessandro Tricoli, Michela Biancardi – *A Symbolical approach to Exhibit Design. The case of "Museo Delta Antico" in Commachio* (Session 2: Museum & Indoor Environment: Design and Exhibition);

5) Stefano Pagnotta, Marco Lezzerini, Asia Botto, Beatrice Campanella, Stefano Legnaioli, Giulia Lorenzetti, Vincenzo Palleschi, Francesco Poggialini – *Evaluation of Postsherds Features Using Hyperspectral Maps Generated by μ -Libs Scanner*. (Session 9- Restoration Case Studies: Archaeological Science Conservation and Documentation);

6) Willemien Anaf, Marina Wan Bos, Marjolijn Depulpaep, William Wei, Luc Schillemans, Tom Carton – *The impact of Vibrations on fragile Historical Mixed-Media Objects* (Session 2: Museum & Indoor Environment: Design and Exhibition).

The publication of this Special Issue in the European Year of Cultural Heritage highlights the strong commitment of CITAR's research focus area of Heritage, Conservation and Restoration with the 21st century challenges towards to the Cultural Heritage Study, Preservation and Management, and the partnership with YOCOCU Italy in the promotion of new approaches for Cultural Heritage research and expertise.

Eduarda Vieira

ECR - Studies in Conservation and Restoration Editor

Youth in Conservation of Cultural Heritage - YOCOCU- Portugal Association

Andrea Macchia

Chair of YOCOCU 2018 (Italy), 23-25 May 2018

Youth in Conservation of Cultural Heritage - YOCOCU - Italy