

24 October 09:30 – 13:30

**BEST PRACTICES AND NEW PROJECTS  
WORK TRACK – CULTURAL HERITAGE**

Convener: Carlo Rescigno (University of Campania Luigi Vanvitelli, Italy)

*The exceptional cultural heritage of Mediterranean countries is generally attributed to a common history in which different cultures have interacted in various ways: any loss was a loss for everybody. This fostered cooperation among countries to safeguard this heritage. Given the economic implications of the exploitation of this cultural heritage, the convergence of different Mediterranean cultures can also contribute to peace and to global economic development. The presentations of this Workshop, which are just a sample of the many that could be envisaged, are intended to stimulate participants to explore together strategies and projects related to cultural heritage.*

**5 m Introduction**

**55 m Open Table – Mediterranean harbours, markets and goods: networking archaeological studies**

Chair: Massimo Osanna (University of Naples Federico II, Director of the Archaeological Park of Pompeii, Italy)

*Since antiquity, the Mediterranean has been a network linking cultural, social and political centres, in which harbours have played a prominent role. Archaeological excavations in this area produce endless data from which history can be distilled even in the absence of written texts and archives. Goods, foodstuffs and organic matter often shed light on the cultural and social aspects of travellers who crossed the Mediterranean, not only as exchanged objects but also as segments of a vast cultural lexicon. Starting from Mediterranean harbours and cities, as well as from the sites well conserved by the eruption of Vesuvius, one can envisage coherent actions thanks to projects based on the experimental techniques now available.*

**Introduction**

Demetris Athanasoulis (Director of the Ephorate of Antiquities of Cyclades, Greece)

**The invisible weave of life: a Mediterranean network for the Archaeology of organic remains**

Massimo Osanna (University of Naples Federico II, Director of the Archaeological Park of Pompeii, Italy)

**The archives hidden in the Museums**

Paolo Giulierini (Director of the Naples National Archaeological Museum, Italy)

Expected contributions:

Laura D'Esposito, Alberta Martelloni and Luana Toniolo (Archaeological Park of Pompeii, Italy):  
The case of Pompeii

**An integrated research program on the archeology of goods**

Carmela Capaldi (University of Naples Federico II, Italy) and Carlo Rescigno (University of Campania Luigi Vanvitelli, Italy)

**50 m Open Table – Education and training in techniques related to cultural heritage**

Chair: Laura Baratin (University of Urbino Carlo Bo, Italy)

**A Euro-Mediterranean curriculum for the preservation and restoration of cultural**

*The aim of the TEMPUS project INFOBC (Innovation dans la Formation pour les Biens Culturels) is to create a new Euro-Mediterranean curriculum for the restoration and preservation of the*

*cultural heritage of this area. Such a curriculum has been established in seven Tunisian universities. A similar program is underway in Lebanon.*

**The project**

Laura Baratin (University of Urbino Carlo Bo, Italy)

**The case of Tunisia**

Ines Ouertani (University of Manouba, Tunisia)

**The case of Lebanon**

Joseph Zaarour (Université Saint-Esprit de Kaslik, Lebanon)

**From research to formation**

*The study and the preservation of cultural heritage require advanced experimental techniques and the cooperation of specialized laboratories. The cooperation may extend from research to formation, to spread know-how and favor local growth. A few cases are represented at this Workshop.*

**The CHNet network: Activities in education and training in cultural heritage techniques**

Francesco Taccetti (LABEC-INFN, Florence, Italy)

**A Summer School on experimental techniques at the CIRCE Laboratory**

Lucio Gialanella (University of Campania Luigi Vanvitelli, Italy)

**Break**

**55 m Open Table - Searching for hidden structures using a new non-invasive technique: muography**

Chair: Fabio Ambrosino (University of Naples Federico II, Italy)

*A new non-invasive technique is now available to search for hidden archaeological structures. It is based on the use of "muons", which are highly penetrating elementary particles that are naturally produced through the interactions of "cosmic rays" in the Earth's atmosphere. Their abundant flux reaching the Earth's surface allows imaging of the interior of massive bodies or underground structures through "muography", a technique analogous to radiography but mapping the absorption of muons instead of that of X-rays.*

**Cosmic ray muon radiography of Egyptian pyramids with nuclear emulsions in the Scan Pyramids project**

Kunihiro Morishima (Nagoya University, Japan)

**From the muography of underground structures in ancient Naples to Cumae: A pilot project**

Carlo Rescigno, Giulio Saracino\* and Paolo Strolin\* (University of Campania Luigi Vanvitelli, \*University of Naples Federico II, Italy)

Expected contributions:

Pierfrancesco Talamo (Phlegraean Archaeological Park): The case of Cumae and other sites in the Phlegraean Fields

Francesco Sirano (Director of the Archaeological Park of Herculaneum): The case of Herculaneum

**25 m Memoria Mari: Musical Koinè of the Mediterranean**

Marco Sannini (Conservatorio di Musica San Pietro a Majella, Naples, Italy)

*This project implies searching for the melodies that have "travelled" among people influenced by specific and common cultures of the various ethnic and geographical areas. It aims at producing a web repository of the heritage of "melodic memories" that over the centuries have*

*influenced the development of the musical traditions of Mediterranean countries.*

Expected contributions:

Giovanni Conelli (Italy)

Laurent Filipe and Paula Castelar (Douro Generation, Portugal)

Johanna Monti (University of Naples L' Orientale, Italy)

Eugenio Ottieri (Progetto Sonora, Italy)

Nicola Pisani (Conservatorio di Musica di Cosenza, Italy)

Tommaso Rossi (Associazione Scarlatti, Italy)

Francesco M. Sacerdoti (Temple University, Philadelphia, USA)

**15 m The cultural heritage of the Mediterranean diet: Revitalizing a traditional model by adapting it to current knowledge and needs.**

Angela A. Rivellese, Gabriele Riccardi, Giovanni Annuzzi, Rosalba Giacco\* and Marilena Vitale (University of Naples Federico II, \*CNR Institute of Food Sciences, Italy)

*The aim of this project is to define and implement at worksites, school canteens and restaurants a diet reflecting traditional Mediterranean habits. Its first phase will be an evaluation of the dietary habits of different Mediterranean populations in collaboration with research groups from various Mediterranean countries. Migrants will also be interviewed.*

**5 m Conclusions**