



## INTERNATIONAL CONFERENCE

# CONSERVATION AND RESTORATION IN UNDERWATER ARCHAEOLOGY: EXPERIENCES, METHODS AND NEW DISCOVERIES

### Organised by

International Centre for Underwater Archaeology in Zadar  
in partnership with the University of Zadar  
Zadar, Republic of Croatia, 24<sup>th</sup> – 26<sup>th</sup> October 2019

## PRELIMINARY PROGRAMME

### WEDNESDAY, 23<sup>rd</sup> OCTOBER 2019

Arrival of the Participants

Venue: Hotel Kolovare, Bože Peričića 14

### THURSDAY, 24<sup>th</sup> OCTOBER 2019

Venue: ICUA Zadar, St. Nicholas church, Božidara Petranovića 1

09:00 - 09:30 Arrival, registration and coffee

09:30 - 10:00 Opening ceremony  
Welcome addresses

#### **Panel 1: Application of new materials and technologies for conservation practice and continued review of established methods**

10:00 - 10:25 Conservation of composite archaeological artefacts by radiation-curing resins: development of reversible and flexible formulations  
**Mr. Quoc Khoi Tran** (France) ARC-Nucléart Research and Conservation Workshop

10:30 - 10:45 The development of new conservation strategies for the Mary Rose collection  
**Ms. Eleanor Schofield** (United Kingdom), Mary Rose Trust

10:50 - 11:05 Experimental study on the cleaning of underwater stone cultural relics in the original site with cavitation jet technology  
**Mr. Hao Wang** (People's Republic of China), National Centre of Underwater Cultural Heritage

11:10 - 11:25 Artificial ageing of consolidated waterlogged wood samples: influence on structure  
**Ms. Katja Kavkler** (Slovenia), Institute for the Protection of Cultural Heritage of Slovenia

11:30 - 11:45 **Coffee break**

- 11:50 - 12:05 From the recovery to the museum display of archaeological woods: restoration and experimentation activities of the wet wood  
**Ms. Barbara Grassi** (Italy), Superintendence Archaeology Fine Arts and Landscape for the provinces of Como, Lecco, Monza and Brianza, Pavia, Sondrio and Varese
- 12:10 - 12:25 The application of a novel EIS based device on underwater metallic objects from Sisak Municipal Museum  
**Ms. Ivana Šoić / Mr. Neven Peko / Ms. Sanja Martinez** (Croatia), University of Zagreb, Faculty of Chemical Engineering and Technology Sisak Municipal Museum
- 12:30 - 12:55 Discussion  
End of the Panel 1
- 13:00 - 14:30 Lunch (St. Nicholas church)**
- Panel 2: In situ conservation of underwater archaeological materials and sites**
- 14:35 - 14:55 **Ms. Barbara Davidde** (Italy), Institute for Conservation and Restoration, Ministry of Cultural Heritage and Tourism
- 15:00 - 15:15 “The Ljubljanica River Phenomenon” - towards the implementation of the master plan for the integrated research, enhanced protection and presentation of an outstanding archaeological site  
**Mr. Andrej Gaspari / Ms. Irena Šenkovec** (Slovenia), University of Ljubljana, Faculty of Arts
- 15:20 - 15:35 When does *In Situ* preservation stop being the “First Option” for protecting underwater cultural heritage?  
**Mr. Josh B. Martin** (UK), University of Exeter, South West England
- 15:40 - 15:55 Monitoring and reburials in a sea of change: *In situ* monitoring and reburials at Parks Canada  
**Ms. Flora Davidson** (Canada), Parks Canada, Indigenous Affairs and Cultural Heritage Directorate Collections, Curatorial and Conservation Branch
- 16:00 - 16:15 Coffee break**

- 16:20 - 16:35 Local capacity building for the sustainable conservation of underwater archaeological material. The case of Bocachica's shipwreck, Cartagena de Indias  
**Ms. Carla R. Andreu** (Columbia), Universidad Externado de Colombia
- 16:40 - 16:55 Ses Llumetes: The first century A.D. Roman shipwreck. A case of study for in situ preservation  
**Ms. Andrea S. Catalá** (Spain), Balearic Institute of Maritime Archaeology – IBEAM
- 17:00 - 17:15 Preliminary studies for the decrease in the attack of TEREDO NAVALIS and the in-situ conservation of submerged woods in the Mexican Caribbean  
**Mr. Andrés R. Zuccolotto Villalobos** (Mexico), Vice-Directorate of Underwater Archeology (SAS)
- 17:00 -17:15 Discussion & Closing Remarks  
End of the Panel 2
- 17:30 – 18:30 Guided visit to the ICUA Gallery for underwater archaeology and ICUA's premises
- 19:30 Dinner**

## FRIDAY, 25<sup>th</sup> OCTOBER 2019

- Venue: University of Zadar, Obala Kralja Petra Krešimira IV, Great hall,  
2<sup>nd</sup> floor  
**Poster session**
- 09:00 - 09:30 Arrival, registration and coffee  
09:30 -10:00 Opening and welcome addresses

### **Panel 3: Conservation case studies**

- 10:00 - 10:25 **Mr. Peter D. Fix** (USA), Texas A&M University

- 10:30 - 10:45 Conservation of underwater cultural heritage and underwater archaeology in Korea  
**Mr. Jung Y. Hwa** (Republic of Korea), West Sea Cultural Heritage Division, National Research Institute of Maritime Cultural Heritage
- 10:55 - 11:10 The Newport Medieval Ship: Challenges of Conservation, Re-assembly and Display  
**Mr. Toby Jones** (UK), Newport Museum and Art Gallery, Newport City Council
- 11:15 - 11:30 20 years of Portuguese experiences in the conservation of archaeological waterlogged wood  
**Mr. José A. Gonçalves** (Portugal), National Centre for Nautical and Underwater Archaeology, CNANS
- 11:35 – 11:50 Coffee break**
- 12:00 - 12:15 Experiences in conservation of Ancient Roman sarcophagi from the river Jadro  
**Mr. Siniša Bizjak / Mr. Ivo Donelli / Ms. Ivana Duvnjak** (Croatia), Arts Academy, University of Split
- 12:20 - 12:35 Let's have a sandwich! Salvage, conservation and restoration of a Swiss Neolithic door. A case study  
**Mr. Niels Bleicher / Mr. Markus Wittköpper** (Switzerland, Germany), Dendrochronologie Zürich, RGZM Mainz
- 12:40 - 12:55 Discussion  
Poster session
- 13:00 - 14:15 Lunch**
- 14:30 - 14:55 **Mr. Jean Bernard Memet** (France), A-CORROS Expertises
- 15:00 - 15:15 No shrinkage, please! Conservation of leather and rope from the shipwreck "Princess Hedvig Sophia"  
**Ms. Gabriele M. Zink** (Germany), Schloß Gottorf Foundation of Schleswig-Holstein State Museums

- 15:20 - 15:35      Lead anchor stock of the Cádiz Museum - Study of alterations and conservation treatment  
**Ms. Elisa F. Tudela** (Spain), University of Cadiz
- 15:40 - 15:55      Deterioration of calcareous stone artefacts exposed to underwater conditions  
**Ms. Iva Paduan** (Croatia), RestArs
- 16:00 - 16:15      Coffee break**
- 16:20 - 16:35      Conservation and Restoration of complex marine findings from the wreck of N. Evoikos and the Mentor shipwreck  
**Ms. Chrysa Fouseki** (Greece), Ephorate of Underwater Antiquities, Hellenic Ministry of Culture
- 16:40 – 16:55      The Early Croatian Boats from Nin – Re-conservation  
**Ms. Anita Jelić** (Croatia), ICUA Zadar
- 17:00              Discussion & Closing Remarks
- 17:10              End of the Conference
- 17:15              Group photo
- 17:20 -18:15      Zadar City walking tour
- 19:30              Farewell Dinner**

## **SATURDAY, 26<sup>th</sup> OCTOBER 2019**

Optional visit to the Museum of Nin Antiquities

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