



IUC – INTER-UNIVERSITY CENTRE DUBROVNIK

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ADRIAS PROJECT

ARCHAEOLOGY OF ADRIATIC SHIPBUILDING AND SEAFARING

2nd Course Workshop

ARS NAUTICA - SEAFARING THROUGH THE AGES

11th – 18th June 2016

Course directors:

Dr. **Irena Radić Rossi**, University of Zadar

Dr. **Giulia Boetto**, CNRS – Université Aix-Marseille

PhD Candidate **José Luis Casabán**, Texas A&M University

Lecturers:

Dr. **Giulia Boetto**, Aix Marseille University, CNRS, MCC, CCJ, Aix-en-Provence, France

Jose Casaban, PhD Candidate, Texas A&M University, College Station, USA

Suzana Čule, PhD Candidate, University of Zadar, Zadar, Croatia

Vedran Dorušić, NAUI Representative for Croatia, Pag, Croatia

Dr. **Sabrina Marlier**, Musée départemental – Arles antique, Arles, France

Asst. Prof. Dr. **Irena Radić Rossi**, University of Zadar, Zadar, Croatia

Dr. **Domagoj Perkić**, Museums of Dubrovnik – Archaeological Museum, Dubrovnik, Croatia

Prof. Dr. **Smiljko Rudan**, University of Zagreb, Zagreb, Croatia

Ervin Šilić, Novena d.o.o., Zagreb, Croatia



PROGRAMME

Saturday, 11th June 2016

Arrival of the participants

Sunday, 12th June 2016

- 9:00 **Breakfast**
- 10:00 **Opening of the course workshop**
- 10:30 ***AdriaS Project: Presentation of the results of the 1st project year***
Lecturers: Irena Radić Rossi, Giulia Boetto, Katarina Batur
- 11:15 ***AdriaS Project: Presentation of the AdriaS Project database and website***
Lecturer: Ervin Šilić
- 12:00 **Coffee break**
- 12:15 ***The dolia shipwreck near the islet of Supetar (Cavtat) in the context of the Adriatic maritime trade***
Lecturers: Irena Radić Rossi, Suzana Čule
- 13:00 **Discussion**
- 13:30 **Lunch**
- 15:00 **Departure for Cavtat: Islet of Supetar, 1st c. AD dolia shipwreck**
- 16:30 **Intro dive on the *dolia* shipwreck**
- 19:00 **Dinner in Cavtat**

Monday, 13th June 2016

- 9:00 **Breakfast**
- 10:00 ***The dolia shipwrecks in Mediterranean: An overview***
Lecturer: Sabrina Marlier
- 11:15 **Coffee break**
- 11:30 ***Adrias Project: Ceramics and wood as ancient structural materials***
Lecturer: Smiljko Rudan
- 12:30 **Discussion**

- 13:00 **Lunch**
- 14:30 **Departure for Cavtat:** Islet of Supetar, 1st c. AD *dolia* shipwreck
- 15:30 **Site recording**
- 19:00 **Dinner in Cavtat**

Tuesday, 14th June 2016

- 9:00 **Breakfast**
- 10:00 **Case Study: *The dolia shipwreck Ovest-Giraglia 2 (Corsica, France)***
Lecturer: Sabrina Marlier
- 11:15 **Coffee break**
- 11:30 ***Augmented reality in the cultural heritage presentation***
Lecturer: Ervin Šilić
- 12:30 **Discussion**
- 13:00 **Lunch**
- 14:30 **Departure for Cavtat :** Islet of Supetar, 1st c. AD *dolia* shipwreck
- 15:30 **Site recording**
- 19:00 **Dinner in Cavtat**

Wednesday, 15th June 2016

- 9:00 **Breakfast**
- 10:00 ***The roman dolia ships: a synthesis of the question***
Lecturer: Sabrina Marlier
- 11:00 **Coffee break**
- 11:15 ***AdriaS Project: Sewn boats of the Adriatic***
Lecturer: Giulia Boetto
- 12:00 **AdriaS Project: Results of the S. Girolamo shipwreck 2015 research campaign**
Lecturer: Jose Casaban
- 12:45 **Discussion**
- 13:00 **Lunch**
- 14:30 **Departure for Cavtat :** Islet of Supetar, 1st c. AD *dolia* shipwreck
- 15:30 **Site recording**
- 19:00 **Dinner in Cavtat**

Thursday, 16th June 2016

- 9:00 **Breakfast**
- 10:00 ***The underwater archaeological sites in the Dubrovnik area***
Lecturer: Domagoj Perkić
- 11:00 **Coffee break**
- 11:15 ***Case study: The Roman barge Arles-Rhône 3***
Lecturer: Sabrina Marlier
- 12:15 ***NAUI Speciality Underwater Archaeologist – Essential rules and potentials***
Lecturer: Vedran Dorušić
- 12:45 ***Discussion***
- 13:00 **Lunch**
- 14:30 **Departure for Cavtat : Islet of Supetar, 1st c. AD dolia shipwreck**
- 15:30 **Finalization and presentation of the underwater work**
- 19:00 **Dinner in Cavtat**

Friday, 17th June 2016

- 9:00 **Breakfast**
- 10:00 **Visit to the Maritime Museum in Dubrovnik**
- 13:00 **Lunch**
- 14:30 **Departure for Cavtat : Islet of Supetar, 1st c. AD dolia shipwreck**
- 15:30 **Site tour of the 3rd/4th c. AD shipwreck with the cargo of amphorae**
- 19:00 **Dinner in Cavtat**

Saturday, 18th June 2016

Departure from Dubrovnik

Important note: Visitors are also welcome to participate in the lectures.



ARCHAEOLOGY OF ADRIATIC SHIPBUILDING AND SEAFARING

SUMMARY:

The aim of the AdriaS project is to enhance systematic interdisciplinary study and interpretation of the archaeological and historical record of shipbuilding and seafaring in the Eastern Adriatic. Its rich maritime history, seen through the technological development of wooden shipbuilding and seafaring and the dynamics that affected them over time, has not been systematically researched until recently, due to the lack of appropriate resources and the absence of a sound methodological basis.

The project considers the cognitive and practical sequences of the technological development of shipbuilding and seafaring, studying the relationship between technology on one hand and the political, economic and cultural/historical context on the other. It focuses on issues from all periods of the human past (Prehistory, Classical Antiquity, Middle Ages and Early Modern period) through active fieldwork, archival research and virtual reality experimentation. From the problematic histories of the Illyrian *lemboi* and Liburnian *liburnae*, to the complex issues of the large late Renaissance merchantmen, it provides a comprehensive overview of the past achievements, and introduces into Croatian research the systematic methodological approach to the study of the ships' hulls.

Taking into consideration global state-of-the-art practices in the fields of nautical archaeology and maritime history, the project aims to introduce cutting edge methodologies of study of ancient ships, their equipment and cargoes. It will foster an innovative interdisciplinary approach in the process of research, recording and interpretation of the most significant direct material evidence of the Eastern Adriatic maritime past, while promoting international collaboration and networking among young researchers. Such a research will have great potential for community outreach and wider public interest, especially through promoting project in public media as well as using new knowledge in Croatian touristic promotion.

Duration:

1st June 2015 – 31st May 2019

Principal investigator:

Dr. Irena Radić Rossi

Team members:

Dr. **Giulia Boetto**, Centre Camille Jullian (CNRS – Université Aix-Marseille), Aix-en-Provence

Dr. **Luka Boršić**, Institute of Philosophy, Zagreb

Dr. **Danijel Džino**, Macquarie University, Sydney

Dr. **Nikola Mišković**, Faculty of Electronical Engineering and Computing, University of Zagreb

Dr. **Mate Parica**, University of Zadar

Dr. **Smiljko Rudan**, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb

Katarina Batur, PhD Candidate, University of Zadar

José Luis Casabán, PhD Candidate, Texas A&M University, College Station (TX)

Suzana Čule, PhD Candidate, University of Zadar

Marianela Nicolardi, PhD Candidate, Université Paris1 Panthéone-Sorbonne

David Ruff, PhD Candidate, Texas A&M University, College Station (TX)