



UNIVERSITY  
OF WARSAW



FACULTY  
OF ARCHAEOLOGY  
University  
of Warsaw

# 4<sup>th</sup> WarSAw Seminar ON UnderWater ARCHAEOLOGY

18<sup>th</sup>– 20<sup>th</sup> November 2021

University of Warsaw

Krakowskie Przedmieście 26/28

00-927 Warszawa

streaming: YouTube channel [Wydział Archeologii Uniwersytetu Warszawskiego](https://www.youtube.com/channel/UCwZlqUjKjKjKjKjKjKjKjKj)

## PROGRAMME

### 18.11.2021 (Thursday)

**16:30–17:00** registration (Faculty of Archaeology, University of Warsaw)

**17:00** *University of Warsaw: Architecture, Monuments, and Sights*  
(short walk on the Campus for the Registered Participants)

**18:00–18:30** registration (Tyszkiewicz-Potocki Palace)

**18:30** first welcome and keynote speech (Ball Room, Tyszkiewicz-Potocki Palace)

*The Shipbuilding Knowledge Which Arrived from the Levant.*

*Mazzaron 2 Shipwreck and the Iberian Tradition with Phoenician Influence*

by Ph.D. hab. Carlos De Juan

Universitat de València, Institute of Nautical Archaeology, Spain

### 19.11.2021 (Friday)

Ball Room (Tyszkiewicz-Potocki Palace)

**8:30–9:00** registration

**9:00** Opening ceremony

Ph.D. hab. Bartosz Kontny, prof. UW

Dean of the Faculty of Archaeology, University of Warsaw

Head of the Scientific Committee of the 4<sup>th</sup> Warsaw Seminar on Underwater Archaeology

## **SESSION I: Sacrificial Sites in Waterbodies and Wetlands**

Chair: Ph.D. hab. Bartosz Kontny, prof. UW

**09:25** session opening

**09:30** keynote speech

### *Wetlands and Waterbodies: A Gateway to Another World?*

by Ph.D. Xenia Pauli Jensen, Senior researcher

Moesgaard Museum, Department of Archaeology

**10:00** *Lubanowo in NW Poland. Small Lake and Plethora of Scientific Problems*

Ph.D. hab. Bartosz Kontny, prof. UW (Faculty of Archaeology, University of Warsaw)

**10:20** *Water Sacrum in the Middle Ages: Echoes of an Ancient Tradition and a New Chivalric Custom*

Ph.D. hab. Tomasz Nowakiewicz (Faculty of Archaeology, University of Warsaw)

**10:40** *Ritual Activity of the Maya on the Basis of Underwater Research in Lake Petén Itzá, Guatemala*

Magdalena Krzemień, M.A. (Institute of Archaeology, Jagiellonian University in Kraków)

Bernard Hermes, M.A. (Proyecto Arqueológico Nakum)

Małgorzata Mileszczyk, M.A. (Faculty of Archaeology, University of Warsaw)

Andrzej Górnicki, M.A. (Independent researcher)

Elżbieta Łuba, M.A. (Independent researcher)

**11:00** discussion & coffee

## **SESSION II: Ships and Boats. Excavation, Preservation, Experiment, Reconstruction**

Chair: Marcin Jamkowski, M.A. (The Explorers Club)

**11:45** session opening

**11:50** *Punta-Prima Project – 2<sup>nd</sup> Century B.C. Shipwreck Excavation and In-Situ Preservation*

Enrique Aragon, Ph.D. (Flinders University, Balearic Institute of Maritime Archaeology)

Javier Rodríguez Pandozi, M.A. (Balearic Institute of Maritime Archaeology)

Małgorzata Mileszczyk, M.A. (Faculty of Archaeology, University of Warsaw)

Joanna Staniszevska, M.A. (Faculty of Archaeology, University of Warsaw)

**12:10** *The Hunt of Vistula Wrecks*

Artur Brzóska, M.A. (Faculty of Archaeology, University of Warsaw)

Piotr Prejs, M.A. (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

Andrzej Szerszeń, M.A. (Sonars.pl)

**12:30** discussion & coffee

**POSTER SESSION (13:00–13:30)**

Ball Room (Tyszkiewicz-Potocki Palace)

*Acoustics Helps in Underwater Real Time Imaging. Adaptive Resolution Imaging Sonar (ARIS) in SZDI Shipwreck Investigation*

Piotr Maliński, Ph.D. (Institute of History, University of Szczecin)

Paweł Mikołajewski, M.Eng. (Escort Sp. z o.o.)

*Wrecks of the Lower Oder on the Magnetic Anomaly Maps. Hydrographic and Geophysical Research of Selected Objects of Underwater Cultural Heritage in 2020*

Piotr Maliński, Ph.D. (Institute of History, University of Szczecin)

Izabela Bodus-Olkowska, M.Sc. (Maritime University of Szczecin)

Grzegorz Zaniewicz, M.Sc. (Maritime University of Szczecin)

*100+ Wrecks: Results of Preliminary Research on Submerged Cultural Resources of the Lower Oder*

Piotr Maliński, Ph.D. (Institute of History, University of Szczecin)

*Review of the Scientific Activities of the Student Association for Underwater Archaeology, University of Warsaw*

Patrycja Ciesielska, B.A., Bartosz Czyżewski, Adrian Zwierzyński, Franciszek Komorowski, B.A.  
(Student Association for Underwater Archaeology, Faculty of Archaeology, University of Warsaw)

**13:45** lunch for the registered participants

**SESSION III: On the Borderline: Waterfront Archaeology Worldwide**

Chair: Magdalena Nowakowska, M.A.

**15:00** session opening

**15:05** *Fishing Rituality in Sicily: from Prehistory to Modern Age*

Concetta Caruso, Ph.D. (Independent researcher)

Giulia Raimondi, Ph.D. (University of Catania)

Fabio Fancello, M.A. (Independent researcher)

**15:25** *Fishing Activities in the Arabian Gulf – Case of Failaka Island. Community, Tools, Practice*

Magdalena Nowakowska, M.A. (Faculty of Archaeology, University of Warsaw)

Shehab A.H. Shehab (Independent researcher, Kuwait)

**15:45** *The Ancient Harbour of Lechaion: Wooden Structures in Harbour Building During the Late Antiquity*

Panagiotis Athanopoulos, M.A. (Danish Institute at Athens/University of Ljubljana)

**16:05** *Adaptation. How Did Local Geography and Climate Determine the Standard for Ancient Boatbuilding in the Philippines?*

Marta Lazurek, M.A. (Faculty of Archaeology, University of Warsaw)

**16:25** *Between Land and Ocean. The Management of Rapa Nui Marine Resources and Its Hinterland in Archaeological, Ethnohistorical and Ethnographic Sources*

Maciej Sobczyk, Ph.D. (Faculty of Archaeology, University of Warsaw)

Hetereki Huke Ainsa, M.A. (Tepuku, Centre for Applied Studies in Rapa Nui and Other Islands)

Lya Edmunds Hernández, M.A. (Tepuku, Centre for Applied Studies in Rapa Nui and Other Islands)

Tahira Edmunds Gorman, M.A. (Tepuku, Centre for Applied Studies in Rapa Nui and Other Islands)

**16:45** discussion & end of day

**18:30** visit to the Museum of Diving in Warsaw (for registered participants only)

Karina Kowalska, M.A., Curator of the Museum of Diving

## **20.11.2021 (Saturday)**

Ball Room (Tyszkiewicz-Potocki Palace)

### **SESSION IV: Approach, Method, Law – Best Practice for Underwater Research**

Chair: Ph.D. hab. Waldemar Ossowski, prof. UG

**10:00** session opening

**10:05** *From Introduction Hydrography to Certified Courses*

Johan Stam, B.Sc. (Skilltrade)

**10:25** *Copperplate Wreck. The Discovery of the 16th Century Wreck in the Dutch Part of the North Sea*

Seger van den Brenk, M.A. (Skilltrade / Periplus Archeomare)

Johan Opdebeeck, M.A. (Dutch Cultural Heritage Agency)

**10:45** *Development of Remote Sensing Tools for Bathymetric Mapping and Marine Danger Identification in the Harbour System of Caesarea*

Gerardo Diaz, M.A. (University of Haifa)

**11:05** *Application of Advanced Photogrammetric Techniques in the Prospective Archaeological Study of Submerged Karst Cavities. The Extraordinary Site of Ses Aiguades Cave*

Manel J. Fumás Soldevilla, M.A. (University of Cádiz, EIDEMAR)

**11:25** discussion & coffee

## **SESSION VI: Water for Living – Great Architectural Enterprises and Simple Facilities**

Chair: Małgorzata Mileszczyk, M.A.

**12:00** session opening

**12:05** keynote speech

*Living on Water: Scientific Dating and Early Iron Age Dwelling on a Scottish Highland Loch*

by Ph.D. Derek Hamilton

Scottish Universities Environmental Research Centre, University of Glasgow

**12:35** *Investigations of Submerged Neolithic Sites in NW Russia*

Ekaterina Dolbunova, Ph.D. (The State Hermitage Museum)

Andrey Mazurkevich, scientific researcher/general curator (The State Hermitage Museum)

**12:55** *Human-Environment Relationships in Serteya Region Based on the Results of Environmental Archaeology Study*

Ph.D. hab. Piotr Kittel, prof. UŁ (University of Łódź, Faculty of Geographical Sciences, Department of Geology and Geomorphology)

Mateusz Płóciennik, Ph.D. (University of Łódź, Department of Invertebrate Zoology and Hydrobiology)

Agnieszka Mroczkowska, M.A. (Polish Academy of Sciences, Institute of Geography and Spatial Organization)

Ph.D. hab. Dominik Pawłowski (Adam Mickiewicz University, Institute of Geology)

Daniel Okupny, Ph.D. (University of Szczecin, Institute of Marine and Environmental Sciences)

Magda Wieckowska-Lüth, Ph.D. (University of Kiel, Institute of Prehistoric and Protohistoric Archaeology, Archaeobotanical and Palynological Laboratory)

Andrey Mazurkevich, scientific researcher/general curator (The State Hermitage Museum)

Ekaterina Dolbunova, Ph.D. (The State Hermitage Museum)

Maxime Danger, M.Sc. (UMR 8215 Trajectoires, CNRS-Université Paris 1 Panthéon—Sorbonne)  
Emilie Gauthier, prof. (UMR CNRS 6249, Chrono-Environnement, Université Bourgogne Franche-Comté)  
Ph.D. hab. Marek Krąpiec, prof. (AGH – University of Science and Technology, Faculty of Geology,  
Geophysics and Environmental Protection, Kraków)  
Eva Thiebaut, UMR CNRS 6249, Chrono-Environnement, Université Bourgogne Franche-Comté

**13:15** *Plugging Holes in the Mondsee Group – the Recent Excavations in Austrian Pile Dwellings*

Cyril Dworsky, M.A. (Kuratorium Pfahlbauten)  
Helena Seidl da Fonseca, M.A. (Kuratorium Pfahlbauten)  
Henrik Pohl, M.A. (Kuratorium Pfahlbauten)  
Thorsten Jakobitsch, Eng. (Austrian Archaeological Institute, Austrian Academy of Science)  
Andreas G. Heiss, Ph.D. (Austrian Archaeological Institute, Austrian Academy of Science)  
Jutta Leskovar, Ph.D. (Oberösterreichische Landes-Kultur GmbH)

**13:35** *First Results of the Paleo-landscape Research in the Lake Pilakno Micro-region*

Małgorzata Mileszczyk, M.A. (Faculty of Archaeology, University of Warsaw)  
Magdalena Nowakowska, M.A. (Faculty of Archaeology, University of Warsaw)  
Ph.D. hab. Mirosława Kupryjanowicz, prof. UwB (University of Białystok, Faculty of Biology)  
Magdalena Fiłoc, Ph.D. (University of Białystok, Faculty of Biology)  
Dominika Kofel, M.A. (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

**13:55** *Participation through Communication – Experiences with Public Relations Work around the Austrian Underwater Cultural Heritage*

Fiona Poppenwimmer, B.A. (Kuratorium Pfahlbauten)  
Cyril Dworsky, M.A. (Kuratorium Pfahlbauten)  
Carmen Loew, M.A. (American International School Vienna)

**14:10** discussion & lunch break

**14:45** lunch for the registered participants

**SESSION V: New Discoveries and Interpretations**

Chair: Ph.D. hab. Andrzej Pydyn, prof. UMK

**16:00** session opening

**16:05** *Old Discovery and New Research in Lake Śniardwy in the Masurian Lake District, Poland*

Agata Grzędzielska, B.A. (Faculty of Archaeology, University of Warsaw)  
Ph.D. hab. Bartosz Kontny, prof. UW (Faculty of Archaeology, University of Warsaw)

**16:25** *The Results of Archaeological Research of Underwater Timber Constructions  
in the Area of the Oldest Entrance to the Gdańsk Harbour*

Paweł Litwinienko, M.A. (National Maritime Museum in Gdańsk)

Krzysztof Kurzyk, Ph.D. (National Maritime Museum in Gdańsk)

Janusz Różycki, M.A. (National Maritime Museum in Gdańsk)

**16:45** *Indicators of Trade Routes between Byzantium and Cities on the Eastern Adriatic  
Coast in the Middle Ages*

Jelena Čelebić, M.A. (Koč University)

**17:05** discussion, conclusions & farewells

**18:00** formal reception for the registered participants

Note: due to COVID sessions are available only for the **registered participants**.

All conference will be streamed **online on the YouTube channel**

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