



**Annual meeting 2020 of DEGUWA e.V. on Underwater Archaeology  
IN POSEIDONS' REALM XXV  
- *Economy and Logistics on Continental Waters in the Roman Empire* -  
Archaeological Museum of the City of Frankfurt am Main (AMF)  
from February 12, through February 17, 2020 in Frankfurt am Main.**

Under the Patronage of the Lord Mayor of the City of Frankfurt am Main  
Mr. Peter Feldmann



### **Program**

#### **Wednesday, February 12, 2020**

##### **International Workshop**

Limited to 15 participants

##### **Preservation and restoration of archaeological finds**

Find groups, salvage, initial measures, analytical methods, preservation, restoration, archiving.

Host: Sigrun Martins and Birgit Schwahn, Conservators at the AMF  
Place: Laboratories of the Archaeological Museum Frankfurt  
Time: 09.00-12.00 a.m.  
Venue: Foyer of the AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896

##### **Stones and their treatment in Roman times**

Host: Thomas Flügen, Conservator at the AMF  
Place: Lapidarium of the Archaeological Museum Frankfurt  
Time: 1.30-4.00 p.m.  
Venue: Entrance Depot, Borsigallee 8, D-60388 Frankfurt  
Underground Station (U4 / U7 direction Enkheim, Exit Gwinner Strasse)

#### **Thursday, February 13, 2020**

##### **Museums Visit**

Time for free disposal: Städel, Liebig-Haus, Museum for Communication, Museum for Applied Sciences, World Culture Museum, Jewish Museum, Old Town etc.

Time: Morning

##### **Guided tour in the Roman Civitas-Main Village *Nida* (Heddernheim/Praunheim) with special explanations of the topographic situation at the river Nidda**

Excursion via subway to Nida/Heddernheim.

Host: Carsten Wenzel  
Time: 2.00 p.m.  
Venue: Underground Station (U1 direction Ginnheim: Exit „Römerstadt“)

### **Friday, February 14, 2020**

#### **Guided tour through the collections of the AMF**

Host: Wolfgang David and the curators of the collections  
(Liane Giemsch, Carsten Wenzel, Natascha Bagherpour Kashani, Maria Messner)  
Time: 10.00 a.m.-1.00 p.m.  
Venue: Foyer of the AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896

#### **Archaeological Tour through Frankfurt: Carmelite Monastery, Stauffer Town Castle with Quay Wall under Historical Museum, Cathedral Hill with Imperial Palace Franconofurd, Stauffer-Period Wall, Casemates in Friedberger Bastion.**

Host: Wolfgang David and Carsten Wenzel  
Time: 2.30-5.30 p.m.  
Venue: Foyer of the AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896

#### **Registration**

Place: AMF, Karmelitergasse 1, D-60311 Frankfurt, Tel.: +49 69 212-35896  
Time: 6.30 p.m.

#### **Poster Exhibition**

Place: AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896  
Time: 7.30 p.m.  
followed by an invitation for drinks and snacks

### **Saturday, February 15, 2020**

#### **Registration**

Place: AMF, Karmelitergasse 1, D-60311 Frankfurt, Tel.: +49 69 212-35896  
Time: 8.30 a.m.

#### **Lectures I**

Place: AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896  
Time: 9.00 a.m.

#### **Opening and Greetings**

Chair: Winfried Held  
Time: 9.15-10.15 a.m.

Averdung, Denise et al.:

***Rhine River Bank Deposits at Biebrich Castle – An Accumulation Site of Palaeontological and Archaeological Interest.***

Enzmann, Jonas:

***Submerged Mesolithic: preliminary results of the excavations at an aceramic Ertebølle site at Strande LA 163 in the Kiel Bay, Schleswig-Holstein, Germany.***

### **Coffee break**

Time: 10.15-10.45 a.m.

Chair: Wolfgang David

Time: 10.45 a.m.-12.15 p.m.

Grossmann, Eva:

*Tel Michal – Trade.*

Özdaş, Harun - Held, Winfried - Kızıldağ, Nilhan:

*A Newly-Discovered Potential Submerged Minoan Settlement in the Karian Chersonesos.*

Oliveri, Francesca - Lo Porto, Antonina:

*Communication and economic network by water: Phoenician - punic port systems in Western Sicily.*

### **Discussion**

Time: 12.15-12.45 p.m.

### **Lunch break**

Time: 12.45-2.00 p.m.

Chair: Ronald Bockius

Time: 2.00 -3.30 p.m.

Tisseyre, Philippe:

*Le rostre d'Acqualadroni (Messine): retour sur sa structure.*

Wagener, Sieghard:

*Investigation of an ancient sea battle by engineering methods.*

Gerasimov, Vyacheslav:

*Forschungen der internationalen Schwarzmeer -unterwasserarchäologischen Expedition im versunkenen Teil der antiken Stadt Olbia , Berezan Insel und am antiken Schiffwrack des 4. - 3. Jahrhundert v. Chr. bei der Kinburn Nehrung im Jahr 2019.*

### **Coffee break**

Time: 3.30-4.00 p.m.

Chair: Natascha Bagherpour Kashani

Time: 4.00-5.00 p.m.

Bekić, Luka:

*Research of a shipwreck on the Island of Velika Sestrica near Rovinj.*

Boris Dunsch:

*Nautische Fachliteratur in der Antike.*

### **Discussion**

Time: 5.00 p.m.

## **Public Testimonial Lecture**

*Spuren altmediterraner Schiffbaustandards in der eisenzeitlichen Binnenschifffahrt Nordeuropas und Südostasiens.*

Speaker: Ronald Bockius  
Place: AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896  
Time: 7.00 p.m.  
with subsequent catering

**Sunday, February 16, 2020**

## **Lectures II**

Place: AMF, Karmelitergasse 1, D-60311 Frankfurt, Phone: +49 69 212-35896  
Time: 9.00 a.m.

Chair: Thomas Reiser  
Time: 9.00-10.30 a.m.

Beate Böhlendorf-Arslan:  
*Zu Häfen der Troas von der römischen Kaiserzeit bis in die byzantinische Zeit.*

Capulli, Massimo:  
*The Via Annia Shipwrecks- Traces of a navigation in a waterscape between rivers and lagoons.*

Friedman, Zaraza:  
*Mediterranean Sea: Continental Waters and the Economy Source of the Roman Empire.*

## **Coffee break**

Time: 10.30-11.00 a.m.

Chair: Carsten Wenzel  
Time: 11.00-12.00 a.m.

Hazenberg, Tom - Vorst, Yardeni - Koehler, Laura:  
*Operation Roman Ship of Zwammerdam (NL), On preservation and restoration of a major inland maritime collection belonging to the future World Heritage Lower German Limes.*

Kaszab-Olschewski, Tünde:  
*Ein Flusshafen am Lech bei Augusta Vindelicum.*

## **Discussion**

Time: 12.00-12.30 p.m.

## **Lunch break**

Time: 12.30-2.00 p.m.

Chair: Maria Meßner  
Time: 2.00-3.30 p.m.

Schäfer, Christoph:  
*Propulsion and Performance of Roman River Barges.*

Wintjes, Jorit:

*Quartered safe out there? Towards a typology of Roman naval bases.*

Wacker, Daniel: Zwischen Aare, Rhein und Bodensee:

*Die Barcarii und das spätantike Confluentibus.*

### **Coffee break**

Time: 3.30-4.00 p.m.

Chair: Christoph Schäfer

Time: 4.00-5.30 p.m.

Watson, Philip L.:

*Informal Economies and Navicularii in the Balkans, 4th-7th c. CE.*

Pešić, Mladen:

*Remains of ancient shipwreck near Cape Znanin on Rivanj Island, Croatia.*

Bram, Moshe:

*Preparing wooden planks for bending by heating over openfire: Preliminary results.*

### **Discussion**

Time: 5.30 Uhr

### **Farewell Words**

**Monday, February 17, 2020**

### **International Workshop**

Limited to 20 participants

### **Roman shipbuilding**

Host: Ronald Bockius

Place: Exhibition Museum for Antique Seafaring in Mainz, Ernst-Ludwig-Platz 2, D-55116 Mainz, Phone: +49 6131 9124-0, [www.rgzm.de](http://www.rgzm.de)

Time: 09.30-12.00 a.m.

**Lunch break** (has to be paid by yourself):

L'Osteria Mainz, Holzhofstraße 7, D-55116 Mainz, +49 6131 693744-0

### **Shipreconstruction, model construction, wet-wood conservation**

Host: Ronald Bockius and Markus Wittköpper

Place: Workshops of Museum for Antique Seafaring in Mainz, Ernst-Ludwig-Platz 2, D-55116 Mainz, [www.rgzm.de](http://www.rgzm.de)

Time: 1.30-4.00 p.m.

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We reserve the right to make changes.

Organization Committee: Ronald Bockius, Wolfgang David, Liane Giemsch, Katharina Meyer-Regenhardt, Ralph Kunz, Thomas Reiser, Peter Winterstein.