



ISBSA 14

International
Symposium on Boat
and Ship Archaeology

Baltic and beyond

Change and continuity in shipbuilding
National Maritime Museum in Gdańsk
21-25 September 2015



Programme

Ministry of
Culture
and National
Heritage of
the Republic
of Poland ■



NATIONAL
MARITIME
MUSEUM
in Gdańsk



GDAŃSK

Mecenat Miasta

Sunday, September 20th

Artus Court in Gdańsk

18.00–19.00 Pre-Registration

19.00–20.00 Reception

Monday, September 21st

Conference room situated in the complex of Granaries

8.00–18.00 Full Symposium registration and poster set-up

9.30–9.45 Opening – Minister of Culture and National Heritage
of Poland Prof. Małgorzata Omilanowska

9.45–10.10 Keynote speaker – Prof. Sean McGrail

10.10–10.30 Welcome – Director of the National Maritime Museum in Gdańsk Jerzy Litwin

10.30–11.30 Coffee

Session: *Ships and Ships Finds in the Baltic*

Conference room situated in the complex of Granaries

Chairman Jerzy Litwin

11.30–11.50 Mike Belasus – *Those bits and pieces from the Baltic shores – Evidence
for medieval shipping along the German Baltic Sea coast*

- 11.50–12.10 Klara Fiedler – *Large clinker built cargo vessels in Northern Europe in the late medieval period – The Mönchgut 92 wreck in context*
- 12.10–12.30 Maik-Jens Springmann – *The building and metrology of ships in the medieval – free creativeness or constructional and standardised building?*
- 12.30–12.50 Petr Sorokin – *The medieval vessels in the northwest Russia on written and archaeological sources*
- 12.50–13.10 Wojciech Filipowiak – *Early medieval shipbuilding of Wolin*
- 13.10–14.10 Lunch

Session: *Ships and Ships Finds in the Baltic*

Conference room situated in the complex of Granaries

Chairman Jens Auer

- 14.10–14.30 Iwona Pomian – *Latest archaeological researches led by National Maritime Museum in Gdansk – new challenges*
- 14.30–14.50 Maili Roio – *The preliminary research results of the Kadriorg shipwrecks*
- 14.50–15.10 Xenius Nielsen – *Dock Island's Wreck 3: New Studies into the Clinker Construction and Origin of a 15th-Century Ship Find from Copenhagen's Harbour*
- 15.10–15.30 Michał Grabowski – *Another double-planked vessel from Poland. An local tradition of converted planking shipbuilding as adaptation for shoreline condition*
- 15.30–16.00 Coffee

Session: *Ships and Ships Finds in the Baltic*

Conference room situated in the complex of Granaries

Chairman André F. L. van Holk

- 16.00–16.20 Tomasz Bednarz, Janusz Różycki – *Research of the wrecks in the Gulf of Gdansk using photogrammetric 3D documentation*
- 16.20–16.40 Niklas Eriksson – *Riksäpplet: a neglected wreck that comes into favour*
- 16.40–17.00 Patrik Höglund – *Ships and Space – the spatial arrangement of Vasa 1628*
- 17.00–17.30 Christer Westerdahl – *Topography and adaptation. An bird's eye view of the maritime cultural landscapes in a Baltic perspective*

Tuesday, September 22nd

Session: *Maritime Landscapes and Harbour Installations*

Conference room situated in the complex of Granaries

Chairman Benno van Tilburg

- 9.00–9.30 Jorge Freire – *Cultural identities and maritime communities: the maritime cultural landscapes of the Seixal Bay (Portugal)*
- 9.30–10.00 Alessandro Luciano – *The maritime landscape of Naples in the Byzantine period*
- 10.00–10.30 Yftinus van Popta – *Dynamics of the maritime cultural landscape of the Zuiderzee between 1100 and 1400 AD*
- 10.30–11.00 Coffee

- 11.00–11.30 Patrícia Carvalho, José Bettencourt, Gonçalo Lopes – *Between the South and the North: an overview of the Medieval or Early-modern Aveiro lagoon shipwrecks (Portugal)*
- 11.30–12.00 Thomas Dhoop – *Ships, Harbour Installations and the Maritime Townscape of Medieval New Winchelsea, UK*
- 12.00–12.30 Jens Auer, Martin Segschneider, Oliver Nakoinz – *A fortification in murky waters. Recent investigations of a submerged part of Dannevirke in the Schlei Fjord*
- 12.30 Photo Shot
- 12.45–14.00 Lunch

Session: Recent Discoveries of Remarkable Ship Finds or Significant Sources

Conference room situated in the complex of Granaries

Chairman Nergis Günsenin

- 14.00–14.20 Ronald Bockius – *Caisson or craft? Further Roman ship finds from Mainz, Germany*
- 14.20–14.40 Staci Willis, Massimo Capulli – *The Sutiles Project: An Investigation of Roman Era Laced Vessels of the Upper Adriatic Sea. The First Two Years of Research*
- 14.40–15.00 Carlo Beltrame, Elisa Costa – *The Late-Roman barge of Comacchio (Ferrara) S. Maria Padovetere, preliminary report*

- 15.00–15.15 Miran Erič – *New contribution to understand development of Rivers/Lakes shipbuilding tradition in 1st century AD: the case of Sinja Gorica barge, Vrhnika, Slovenia*
- 15.15–15.30 Sergey Olkhovskiy – *The Phanagorian shipwreck: continuation of study*
- 15.30–16.00 Coffee

Session: Recent Discoveries of Remarkable Ship Finds or Significant Sources

Conference room situated in the complex of Granaries

Chairman Giulia Boetto

- 16.00–16.20 Stella Demesticha – *KARAVOI: Documentation of Ship Graffiti on the Medieval and post-Medieval Monuments of Cyprus*
- 16.20–16.40 Massimo Capulli – *The Precenikko Shipwreck. A vessel of the 11th century AD from Stella river*
- 16.40–17.00 José Bettencourt – *The Angra B Iberian shipwreck (Terceira island, Azores, Portugal). An excavation report*
- 17.00–17.20 Irena Radić Rossi, Mariangela Nicolardi – *The Post-Mediaeval Shipwreck of Gnalić (Croatia) in the light of new discoveries*
- 17.20–17.40 Pablo de la Fuente de Pablo – *Triunfante: a Jorge Juan's 68-gun ship of the line*
- 19.00 Conference Dinner Brovarnia Hotel Gdańsk

Wednesday, September 23rd

Session: Research Methods

Conference room situated in the complex of Granaries

Chairman Nigel Nayling

- 9.00–9.20 Katrin Thier – *The early cogs – ships and words at home and abroad*
- 9.20–9.40 José Manuel Matés Luque, Oskar Moral Goirigolzarri – *3D Laserscanning of a mid 20th century Basque fishing vessel: the Antxustegi, a model for the digital recording the Basque traditional fleet*
- 9.40–10.00 Kotaro Yamafune, Rodrigo Torres, Filipe Castro – *A Proposed Methodology for Recording and Analyzing Shipwreck Sites Using Multi-Image Photogrammetry*
- 10.00–10.30 Pat Tanner – *The testing and analysis of Hypothetical Ship Reconstructions*
- 10.30–11.00 Coffee

Session: Research Methods

Conference room situated in the complex of Granaries

Chairman Fred Hocker

- 11.00–11.20 Taras Pevny – *Beyond La Belle. Longitudinal design concepts in frame-first construction: reassessment and implications*
- 11.20–11.40 Emmanuel Nantet – *The accuracy of the tonnage formula and the correcting coefficient*

- 11.40–12.00 Nicholas Ball – *Block models: change and control in early eighteenth century Royal Naval shipbuilding in Britain*
- 12.00–12.30 Nigel Nayling, Ana Crespo Solana, Ignacio García González – *ForSEADiscovery: Forest Resources for Iberian Empires: Ecology and Globalization in the Age of Discovery*

12.30–14.00 Lunch

Bus ride to Gdynia

Thursday, September 24th

Session: Studies in Ship Construction

Conference room situated in the complex of Granaries

Chairman Patric Pomey

- 9.00–9.20 Katerina P. Dellaporta – *Ships in Greek Byzantine Iconography*
- 9.20–9.40 Ida Koncani Uhac, Marko Uhac and Giulia Boetto – *Sutiles naves in Istria: preliminary results of the study of the ship finds from Zambratija and Pula (Istria County, Croatia)*
- 9.40–10.00 Edoardo Riccardi, Virgilio Gavini – *Naval construction in 5th century AD: evidences from the architectural analysis of the Wrecks R1 and R2 from the Port of Olbia*
- 10.00–10.15 Taner Güler – *Construction Features and Reconstruction of Yenikapı 20 Shipwreck*
- 10.15–10.30 Evren Türkmenoğlu – *Yenikapı 27 Shipwreck: Hull Analysis and Reconstruction*
- 10.30–11.00 Coffee

Session: *Studies in Ship Construction*

Conference room situated in the complex of Granaries

Chairman Yaacov Kahanov

11.00–11.20 Francesco Tiboni – *Repairs on ancient hulls: direct evidences of bow section's reconstruction*

11.20–11.40 Laura White – *An Industry or an afterthought? Archaeological and historical evidence for the production of waterproofing materials for ancient ships*

11.40–12.00 Ingunn Undrum – *Ropes and rigging from the Barcode excavation in Oslo Norway*

12.00–12.15 Grace Tsai – *Comparative Archaeological Analysis of Ship Rigging during the Sixteenth and Seventeenth Centuries*

12.15–12.30 Dan Atkinson – *The Ship Beneath the Floor: The archaeological investigation of an assemblage of naval ship timbers discovered in the Wheelwright's Shop at the Historic Dockyard in Chatham, England*

12.30–14.00 Lunch

Session: *Studies in Ship Construction*

Conference room situated in the complex of Granaries

Chairman Mike Belasus

14.00–14.30 Alice Overmeer – *A missing link in a period of change: shipwreck U34 in Flevoland, the Netherlands*

14.30–15.00 Juan Pablo Olaberria – *A new proposal about the conception of hull shape in Dutch-flush construction. Re-reading Arnould 1670 and Witsen 1671*

15.00–15.30 Eric Rieth – *The EP 1-Epagnette wreck of the middle of the XVIIIth century: an inland “flat-bottom “ boat of the river Somme (France)*

15.30–16.00 Coffee

Session: *Experimental Nautical Archaeology*

Conference room situated in the complex of Granaries

Chairman Eric Rieth

16.00–16.20 Patrice Pomey, Pierre Poveda – *Prôtis Project: Gyptis sailing trials*

16.20–16.40 Yaacov Kahanov – *The Ma’agan Mikhael replica project*

16.40–17.10 Morten Ravn – *Viking Age War Fleets. Resource management and military organisation in late Viking Age Denmark*

17.10–17.40 Fred Hocker – *Ships, shot and splinters: field-testing a 17th-century 24-pounder naval gun*

18.00 Next conference discussion (ISBSA 15, 2018)

19.00 Film night

- *Gyptis*, 63 min

- *Lake Sevan* (Armenia), 26 min

- and others

Friday, September 25th

Session A: *Bark, skin, logboats*

Conference room situated in the complex of Granaries

Chairman Ronald Bockius

9.00–9.20 Aleydis Van de Moortel – *A new typology of bronze age Aegan ships and boats: developments in Aegan shipbuilding in their historical context*

9.20–9.40 Karl Brady – *Underwater Investigations of Prehistoric and Medieval Logboats from Lough Corrib, Ireland*

9.40–10.00 Staffan von Arbin, Maria Lindberg – *News on the Byslätt bark canoe*

10.00–10.30 Béat Arnold – *Bark-canoes of East Africa: typology and construction techniques*

10.30–11.00 Coffee

Session A: *Bark, skin, logboats*

Conference room situated in the complex of Granaries

Chairman Waldemar Ossowski

11.00–11.20 Evguenia Anichtchenko – *Ancient boats of the Arctic: towards understanding the potential of skin boat archaeology*

11.20–11.40 Krzysztof Zamościński – *Hide boats on the Lower Dnieper River in 16th century*

11.40–12.00 Darina Tully – *Change and Continuity in the Skin Boat Tradition in Ireland*

12.00–12.30 Roderick R. Stead – *The Building and Development of Philippine Logboats*

Session B: *Far Eastern Vessels*

Conference room situated in the Maritime Culture Centre

Chairman Benno van Tilburg

9.00–9.20 Li-wen Chia – *The Treading and Technology of Dye-root in East Asia*

– *A Focus on Fishing Net, Sailcloth and Clothes Preservative*

9.20–9.40 Daniel G. Dwyer – *External stern-lashings on Southeast Asian Watercraft: new evidence for early technological regionality in boat construction*

9.40–10.00 Zeeshan A. Shaikh – *Ramponchem Vode: A Regional Boat type of Goa, India*

10.00–10.30 Wen-Ling Hong, Jeng-Horng Chen, Jr-Ping Wang, Meifang Kuo – *The Technology Development and Mixing of Taiwan's Traditional Wooden Boats*

10.30–11.00 Coffee

12.30 Closing remarks by Thijs Maarleveld

Conference room situated in the complex of Granaries

Saturday, September 26th

Post Symposium tour

Poster Programme

Karen Balayan – *Navigation on lake Sevan (Armenia) in ancient times*

Natasha Bani-Sadr, Adam Collins, Michael Ekenstedt, Daniel Diez Merida – *Blåvand Bjergebåd*

Giulia Boetto, Irena Radič Rossi – *Ancient ships from Cissa (Island of Pag, Croatia) in their cultural and historical context*

José Luis Casabán – *Design and construction of late 16th-century Spanish galleons: The Twelve Apostles (1589–1591)*

Chelsea Colwell-Pasch, Andrew Roberts, Peter Harvey, Wendy Van Duivenvoorde, Jonathan Benjamin – *The Archaeological Investigation of the Leven Lass: A 19th Century Scottish Brig Wrecked in Australian Waters*

John S. Davis – *The problems involved in reconstruction the original hull shape of a 15th- century Venetian galley*

Beñat Eguiluz-Miranda – *The Atlantic shipbuilding and the new transition in the Iberian Cantabric tradition, 1560–1680*

Michael T. Ekenstedt, Adam Collins – *Quern stones and Edutainment:
The shiesty business of Captivating an Audience*

Jonas Enzman – *Arbeitsgruppe für Maritime und Limnische Archäologie*

Miran Erič – *Initiative "Early Watercraft – A global perspective of invention and development"*

Cristóvão Fonseca, José Bettencourt, Tiago Silva, Inês Coelho, Patrícia Carvalho
– *The early modern Belinho Ship (Esposende, Portugal): a first report*

Maria Jose García-Rodríguez, Jose Luis Gasch-Tomás, Ana Crespo Solana – *Development
of a GIS for Iberian ships in the Age of Discovery in ForSeaDiscovery Project*

Philipp Grassel – *Reused medieval ship timbers found at the Frankenhof, Stralsund (Germany)*

Marc Guyon – *The barge of the 2nd c. AD Lyon Saint-Georges 4 (Rhône, France)*

Wen-Ling Hong, Jeng-Horng Chen, Jr-Ping Wang, Meifang Kuo – *The Technology
Development and Mixing of Taiwan's Traditional Wooden Boats*

Dmitry Kobaliya, Andrew Denysenko – *Investigation and restoration of the “baidak” type boat on Khortitsaisl. (Ukraine)*

Lars Kröger – *Within the network of fluvial ports. Efficiency and infrastructural development of inland waters and their vessels*

Victor V. Lebedinski, Sergey Zelenko, Julia A. Pronina – *Results of the latest underwater archaeological investigation near the Crimea*

Paweł Litwinienko – *New anchors founds in the Gulf of Gdańsk*

Sabrina Marlier – *The gallo-roman barge Arles-Rhône 3*

Adolfo Martins – *The Anatomy of Trees & Ships: How can we see trees in their timbers?*

José Manuel Matés Luque – *Away from the sea, close to the water: the recording of some flat bottomed boats in Spanish inland rivers*

Laure Meunier-Salinas – *Interdisciplinary collaboration on a 2nd c. AD barge project, archaeology and conservation of Lyon Saint-Georges 4 (Rhône, France)*

Maria Molina Intxaustegi – *Shipbuilding in the Spanish Colonies During the 18th Century: The Havanna Shipyard and their Ships*

Liselore An Muis – *Remarkable find of the wreck site by Hasselt, the Netherlands*

Mariangela Nicolardi – *Archaeological and historical perspectives on merchant shipwrecks' national identity: late 16th century Venetian ships case-study*

Waldemar Ossowski – *Shipwrecks from the Vistula River near Gdańsk as examples of longue durée of transport system*

Marcel Pujol i Hamelink, Pablo de la Fuente de Pablo – *The English shipbuilding in the Spanish shipyards (1749–1767). How to identify the Spanish and English construction details in shipwrecks from the mid-18th century*

Jennifer Rodrigues, Jun Kimura, R. John Watling, Masako Marui, Anna Bradley – *Scientific analysis on lead ingots from the Western Australian Museum's Ko Shi Chang and Pattaya shipwreck collections*

Emilio Rodríguez-Álvarez – *Deep blue sea. Diving in the ancient Mediterranean*

David Ruff, Irena Radić Rossi – *Roman Ship in the Ager of Ancient Salona, capital of Roman Dalmatia – Preliminary Results*

Simon Stephens – *The Ship Model Collection at the National Maritime Museum, Greenwich: A Rich Resource for Maritime Researchers*

Ana Rita Trindade – *Written sources in the study of timber provenance in Spanish shipbuilding: the 18th century Andalusian case*

Katheryna Valentyrova – *Unique Finds from the Sunken Medieval Italian Galley. Weapon*

Caroline Visser – *Wreck from Kampen*

Jr-Ping Wang, Wen-Ling Hong, Meifang Kuo, Jeng-Horng Chen – *The Conservation and Research Problems of a Pacific-Crossing Junk Free China*









NATIONAL MARITIME MUSEUM IN GDAŃSK

80-751 GDAŃSK, Ołowianka Str. 9-13



1

GRANARIES

GDAŃSK, Ołowianka Str. 9-13

Entrance on Ołowianka Str. and on Ołowianka pier

From Monday, September 21st to Friday, September 25th

Full Symposium registration, sessions, posters and film presentations



3

MARITIME CULTURE CENTRE

GDAŃSK, Tokarska Str. 21-25

Entrance on Tokarska Str. and on Rybackie Pobrzeże

Session "Far Eastern Vessels"

Friday, September 25th



2

SHIP-MUSEUM SOŁDEK

GDAŃSK, Ołowianka Str. 9-13

Entrance on Ołowianka pier



4

CRANE

GDAŃSK, Szeroka Str. 67/68

Entrance on Szeroka Str.

Symposium participants will be able to use the Motława ferry service free of charge throughout the duration of the conference, runs every 15 minutes between Crane and Granaries on Ołowianka Island.

September 21st, Monday 8.30 – 18.00

September 22nd, Tuesday 8.30 – 18.00

September 23rd, Wednesday 8.30 – 16.00

September 24th, Thursday 8.30 – 18.00

September 25th, Friday 8.30 – 16.00

5

ARTUS COURT

Sunday, September 20th

18.00 – 19.00 Pre-Registration

19.00 – 20.00 Reception

6

BROVARNIA HOTEL GDAŃSK

Conference Dinner

Tuesday, September 22nd 19.00

Programme



photos by Dariusz Krakowiak, Piotr Krajewski



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