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
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


14.30–14.50  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 Precenicco 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 Arnauld 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 Khortitsaisi. (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 Mediterranen
David Ruff, Irena Radić Rossi – *Roman Ship in the Ager of Ancient Salona, capital of Roman Dalmatia – Preliminary Results*


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, Ołówianka Str. 9-13

GRANARIES
GDAŃSK, Ołówianka Str. 9-13
Entrance on Ołówianka Str. and on Ołówianka pier
From Monday, September 21st to Friday, September 25th
Full Symposium registration, sessions, posters and film presentations

SHIP-MUSEUM SOŁDEK
GDAŃSK, Ołówianka Str. 9-13
Entrance on Ołówianka pier
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 Ołówianka Island.
September 21st, Monday 8.30 – 18.00
September 22nd, Tuesday 8.30 – 18.00
September 23rd, Wednesday 8.30 – 16.00

MARITIME CULTURE CENTRE
GDAŃSK, Tokarska Str. 21-25
Entrance on Tokarska Str. and on Rybackie Pobrzeże
Session "Far Eastern Vessels"
Friday, September 25th

CRANE
GDAŃSK, Szeroka Str. 67/68
Entrance on Szeroka Str.

ARTUS COURT
Sunday, September 20th
18.00 – 19.00 Pre-Registration
19.00 – 20.00 Reception

BROVARNIA HOTEL GDAŃSK
Conference Dinner
Tuesday, September 22nd 19.00
Programme

NATIONAL MARITIME MUSEUM
in Gdańsk

photos by Dariusz Krakowiak, Piotr Krajewski.