

Red Sea VIII Conference in Warsaw, 4–9 July 2017

COVETED TREASURE. THE ECONOMY OF NATURAL RESOURCES: EXTRACTION, PROCESSING AND TRADE

Associated event: “The Arabian Red Sea Route” workshop in Warsaw, 3 July 2017

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| MONDAY, 3 July | | |
| "The Arabian Red Sea Route" Workshop | | |
| See separate program | | |
| 17.00–20.00 REGISTRATION – INSTITUTE OF ARCHAEOLOGY, UNIVERSITY OF WARSAW | | |
| TUESDAY, 4 July | | |
| Old Library, University of Warsaw | | |
| 8.30– | REGISTRATION | |
| 10.00–10.15 | OPENING CEREMONY | |
| 10.15–10.30 | Prof. Maurizio Tosi – <i>In memoriam</i> | |
| KEYNOTE 10.30–11.30 | Eivind Heldaas Seland | Thirty years of Red Sea studies: insights, agendas, perspectives |
| 11.30–12.00 | COFFEE BREAK | |
| 12.00–14.00 | Session 1 NATURAL RESOURCES | |
| 12.00–12.30 | Steven E. Sidebotham | Construction materials and methods at Berenike: A Ptolemaic-Roman port on Egypt's Red Sea shore |
| 12.30–13.00 | Kristoffer Damgaard Ashley Coutu | Biomolecular approaches to ivory trade and craftsmanship in Late Antiquity and Early Islam |

PRELIMINARY PROGRAM

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| 13.00–13.30 | Jacke Phillips | Kohl kit |
| 13.30–14.00 | Marta Bajtler | Jar and amphora stoppers and plugs from Berenike. Distribution at the site, materials and techniques |
| 14.00–15.30 | LUNCH | |
| 15.30–17.30 | Session 2 NATURAL RESOURCES | |
| 15.30–16.00 | Lucy Semaan | A re-evaluation of the ancient teak trade in the western Indian Ocean |
| 16.00–16.30 | Mateusz Lisak | Trade in renewable and non-renewable goods on the Indian Ocean and the Red Sea in the <i>Periplus Maris Erythraei</i> ; the structure of trade as a factor in economic impact |
| 16.30–17.00 | Eivind Heldaas Seland | The Networked Sea: visualising, analysing and modelling connectivity and movement in ancient Red Sea trade |
| 17.00–17.30 | Laurence Smith Shadia Taha Jacke Phillips Michael Mallinson | Trade and ‘Treasure’: the role of Suakin in the movement of valuables, 15th–19th centuries AD |
| 17.30–18.00 | COFFEE BREAK | |
| 18.00–20.00 | Session 3 CURRENT FIELDWORK AND RECENT RESEARCH | |
| 18.00–18.30 | Iwona Gajda Anne Benoist | The archaeological site of Wakarida and its region, Tigrai, Ethiopia |
| 18.30–19.00 | Joanna K. Rądkowska | Small but significant... an Indian terracotta in Berenike? |
| 19.00–19.30 | Angelo Castiglioni Serena Massa Susanna Bortolotto Nelly Cattaneo | Adulis Archaeological Project: research activities and conservation as premises to the management plan |
| 19.30–20.00 | Ahmed Adam | Investigating the archaeology and Islamic settlements of Khor Nubt |
| 20.30–21.30 | RECEPTION IN THE PAŁAC KAZIMIERZOWSKI GARDENS | |

PRELIMINARY PROGRAM

| WEDNESDAY, 5 July 2017 | | |
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| Old Library, University of Warsaw | | |
| KEYNOTE 9.00–10.00 | Jonathan Mark Kenoyer | Stone bead production and trade: new insights from the Indus civilization and the early historic period of South Asia |
| 10.00–11.30 | Session 4 THE BEAD ROAD | |
| 10.00–10.30 | Hans A. Gilg | The ancient garnet trade in the Indian Ocean: beads and beyond (with K. Schmetzer, U. Schussler, A.K. Carter, J. Panjekar, T. Calligaro and P. Perin) |
| 10.30–11.00 | Yvonne Petrina | The supply of raw materials and their influence on fashion. Gem stones and beads from Antiquity to Byzantium |
| 11.00–11.30 | Timothy Insoll | The archaeology of bead making and jewellery production at Harlaa, Eastern Ethiopia |
| 11.30–12.30 | POSTER SESSION <i>COFFEE BREAK DURING THE POSTER SESSION</i> | |
| 12.30–14.15 | Session 5 THE BEAD ROAD | |
| 12.30–13.15 | James Lankton Bernard Gratuze | Glass routes of the Southern Seas |
| 13.15–13.45 | Shinu Abraham | On the road with the Indo-Pacific bead: spatial and temporal patterns of glass bead production and consumption |
| 13.45–14.15 | Carolyn Swan | From sand to sea: tracing the production and trade of glass beads from the 10th-century CE Cirebon shipwreck in the Java Sea |
| 14.15–15.30 | LUNCH | |
| 15.30–17.30 | Session 6 THE BEAD ROAD | |
| 15.30–16.00 | Jonathan Mark Kenoyer | New insights on stone bead production and trade at the site of Hajar al-Rayhani, Yemen |
| 16.00–16.30 | Miriam Lahitte | Beads of quartz ceramics in Gala Abu Ahmed (Sudan) |
| 16.30–17.00 | Roland de Beauclair | Seashells in the sand – the ornamental objects from the Neolithic graveyard of al-Buhais 18, UAE |
| 17.00–17.30 | Alfredo Carannante | Shell beads as indicators of identity and connectivity in the Red Sea and beyond |

PRELIMINARY PROGRAM

| THURSDAY, 6 July 2017 | | |
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| State Archaeological Museum in Warsaw | | |
| KEYNOTE 9.00–9.45 | Thilo Rehren | Iron metallurgy around the Red Sea – some challenges and opportunities |
| 9.45–13.00 | Session 7 INDIAN STEEL AND MINING RESOURCES | |
| 9.45–10.15 | Joan Oller Guzmán | New evidence on metallurgical production during the Ptolemaic period in the ancient harbor of Berenike (Eastern Desert, Egypt) |
| 10.15–10.45 | Martin Hense | Metal working and possible metal production in Berenike |
| 10.45–11.15 | Julie Marchand Bérangère Redon | Gold mining in the Eastern Desert of Egypt, from New Kingdom to medieval times |
| 11.15–11.30 | COFFEE BREAK | |
| 11.30–12.00 | Ali Jarkhi | Early Islamic gold mining. New insights on Arabian mining techniques |
| 12.00–12.30 | Alan F. Lee Ric Furrer | Crucible steel production: an experimental study of crucible composition and structure |
| 12.30–13.00 | Joan Oller Guzmán | The emerald mining in Wadi Sikait: organization and distribution of emerald production in Roman Egypt |
| 13.00–15.00 | STEEL MELTING EXPERIMENT – Marek Woźniak and Władysław Weker <i>Lunch during the session; visiting State Archaeological Museum galleries</i> | |
| Old Library, University of Warsaw | | |
| 16.00–19.00 | Session 8 THE BEAD ROAD | |
| 16.00–16.30 | Giulia Tucci | Dynamics of internationalism during the Late Bronze Age: circulation of raw materials and production between the Western Basin and the Indian Ocean and the Southern Levant |
| 16.30–17.00 | Silvia Lischi | Beads and pendants from Al Hamr al-Sharqiya, Oman |
| 17.00–17.30 | Anja Prust | Tayma and the Sea |
| 17.30–18.00 | COFFEE BREAK | |
| 18.00–18.30 | Ann Andersson | Beads, pendants and other ornaments as indicators of long-distance trade. Trade connections of the Dilmun trading station at Failaka Island, Kuwait, in the late third–second millennium BC |
| 18.30–19.00 | Zuzanna Wygnańska | Preliminary studies on beads from the Iron Age levels of the Polish excavations in Saruq al-Hadid, Dubai (UAE) |

PRELIMINARY PROGRAM

| FRIDAY, 7 July 2017 | | |
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| Old Library, University of Warsaw | | |
| KEYNOTE 9.00–10.00 | Aylin Orbasli | An architectural legacy of exchange: the making of the Red Sea style |
| 10.00–12.30 | Session 9 THE FRANKINCENSE TRADE | |
| 10.30–11.00 | Julian Jansen van Rensburg | Socotra: The forgotten island of incense |
| 11.00–11.30 | Barbara Huber | Investigating incense burners from Tayma, Northwest Arabia: an olfactory perspective |
| 11.30–12.00 | Shadia Taha | Frankincense: traditions rooted in the Sudanese DNA |
| 12.00–12.30 | Alexia Pavan | The port of Al Baleed (southern Oman) and the frankincense trade in the medieval period |
| 12.30–13.00 | COFFEE BREAK | |
| 13.00–14.30 | Session 10 CURRENT FIELDWORK AND RECENT RESEARCH | |
| 13.00–13.30 | Marta Osypińska | Early domesticated cattle of Northeastern Africa – coveted treasure of Neolithic pastoralists |
| 13.30–14.00 | Piotr Osypiński | Animals in early Roman Berenike – perspectives of the livestock trade searching: Africa–Europe–Asia |
| 14.00–14.30 | Marek Woźniak | Water as a resource in Berenike |
| 14.30–16.00 | LUNCH RED SEA SOCIETY FOUNDING MEETING | |
| 16.00–18.30 | Session 11 CURRENT FIELDWORK AND RECENT RESEARCH | |
| 16.00–16.30 | Joanna Ciesielska | Burying the dead on the Red Sea coast: burial customs in Lower Aynuna (results of the 2015–2017 excavation seasons) |
| 16.30–17.00 | Marek Woźniak Tomasz Herbich | Reconstructing the nonexistent: magnetic prospection in tracing the lost Hellenistic architecture of Berenike |
| 17.00–17.30 | Gabor Lassanyi | Desert dwellers of the Eastern Desert in the 1st millennium AD |
| 17.30–18.00 | Sara Fani | An archaeological perspective of investigation on Islamic manuscripts from the Horn of Africa |
| 18.00–18.30 | Roberta Tomber | <i>Title to be announced</i> |
| 19.00 | DINNER RECEPTION — NATIONAL MUSEUM IN WARSAW ALEJE 3 RESTAURANT | |