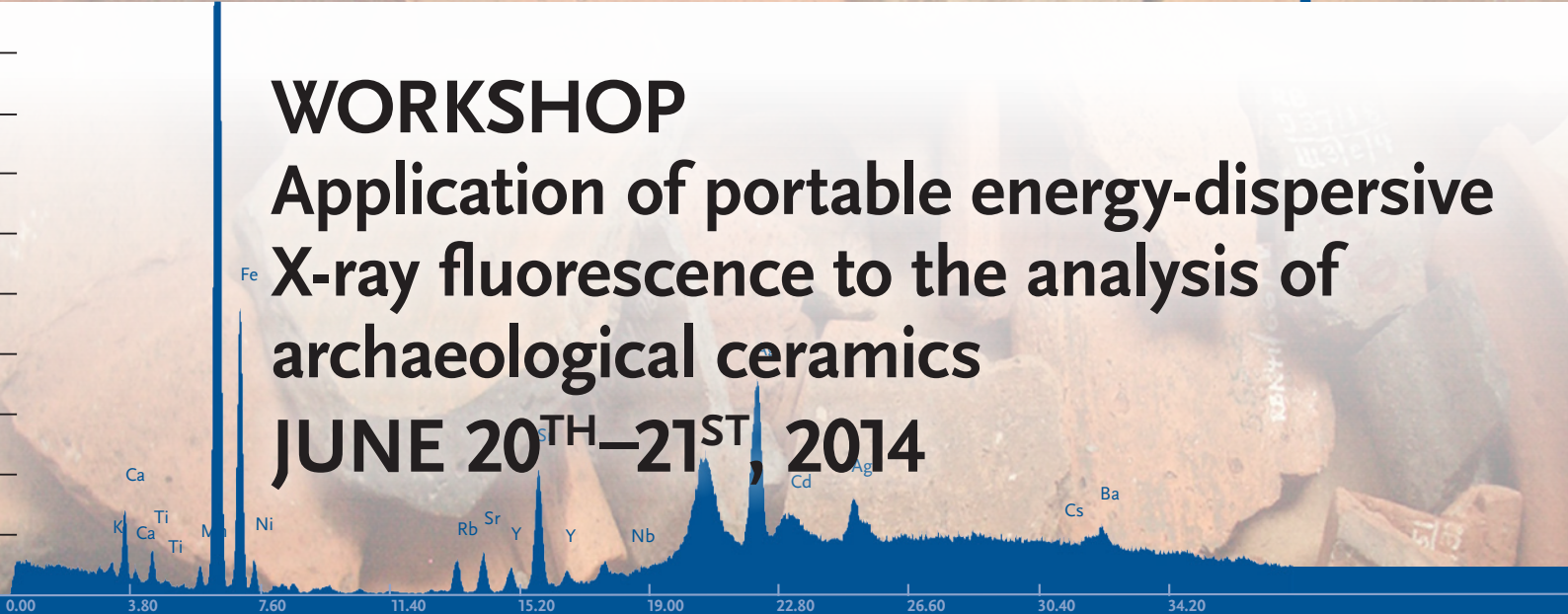


WORKSHOP

Application of portable energy-dispersive
X-ray fluorescence to the analysis of
archaeological ceramics

JUNE 20TH–21ST, 2014



EXCELLENCE
CLUSTER



TOPOI

Freie Universität



Berlin



FRIDAY 20TH JUNE

- 10:00 Michael Meyer (Berlin):
Introduction to the Topoi-projects on economic spaces
- 10:30 Oliver Mecking (Weimar):
Methodological developments in p-ED-XRF and comparison with other analytical techniques
- 11:00 *Coffee break*
- 11:30 Yuval Goren (Tel Aviv):
Analysis of clay tablets using p-ED-XRF and a portable microscope
- 12:00 Malgorzata Daszkiewicz (Berlin) /
Ewa Bobryk (Warsaw):
Surface analysis of sherds of Nabatean pottery and experiments with gypsum moulds
- 12:30 Gerwulf Schneider (Berlin):
Non-destructive and destructive provenance determination using p-ED-XRF and WD-XRF

13:00 *Lunch break*

- 14:00 Antonia Hofmann (Berlin):
Evaluation and calibration of the Tracer (Bruker) for classifying pottery from the middle Euphrates in comparison with WD-XRF-results
- 14:30 Markus Helfert (Frankfurt):
p-ED-XRF analysis as a method in economic archaeology: some case studies of its application
- 15:00 Anders Lindahl (Lund):
Testing the p-ED-XRF on ceramic materials: time, space and statistical evaluation
- 15:30 *Coffee break*
- 16:00 Anno Hein (Athens):
Testing the groups - Exploring the application of p-ED-XRF in provenance studies of transport amphorae from the Eastern Aegean

- 16:30 Thilo Rehren (London):
Some comments on the application of p-ED-XRF: technical ceramics and beyond
- 17:00 Elisabeth Holmqvist-Saukkonen (Helsinki):
Protocols and strategies for ceramic analysis by p-ED-XRF: in pursuit of archaeological relevance
- 17:30 *Coffee break*
- 18:00 Malgorzata Daszkiewicz /
Rudolf Naumann/ Miriam Lahitte (Berlin):
Analysis of beads from Gala Abu Ahmed (Sudan) using p-ED-XRF and XRD
- 18:30 Anne Seiler (Berlin): Application of p-ED-XRF in analysis of blue painted pottery from Amarna (Egypt)

Joint dinner 19:30

SATURDAY 21ST JUNE

- 9:30 Marcin Baranowski (Warsaw) / Gerwulf Schneider (Berlin): Macroscopic analysis of fabrics and p-ED-XRF in studying Moesian sigillata
- 10:00 Richard E. Jones (Glasgow): Determination of provenances of sigillata finds in Scotland
- 10:30 Malgorzata Daszkiewicz / Bernhard Heeb (Berlin): Classification of Bronze Age pottery from Cornesti-Iarcuri (Romania)
- 11:00 *Coffee break*
- 11:30 Fleur Schweigart / Malgorzata Daszkiewicz (Berlin): Cluster analysis of chemical data vs. matrix classification by refiring: example of Imperial period wheel-thrown pottery from Olbia, Ukraine
- 12:00 Hans-Joachim Mucha (Berlin): From univariate to multivariate clustering with application to p-ED-XRF data
- 12:30 Joachim Lutz /Ernst Pernicka (Mannheim): Analysis of glass using p-ED-XRF
- 13:00 *Lunch break*
- 14:00 Hans-Jörg Nüsse / Malgorzata Daszkiewicz (Berlin): Analyses of glass from Comariv (Ukraine) using p-ED-XRF and WD-XRF
- 14:30 Philipp Hoelzmann (Berlin): p-ED-XRF applied to soil and sediment studies
- 15:00–16:00 *General Discussion*



VENUE

Freie Universität Berlin
Topoi Building Dahlem
Hittorfstrasse 18, 14195 Berlin

CONVENOR

Excellence Cluster Topoi
Research Group (A-6)
Economic Space

INFORMATION & CONTACT

malgorzata.daszkiwicz@topoi.org
mortenpah@gmail.com
schnarch@zedat.fu-berlin.de