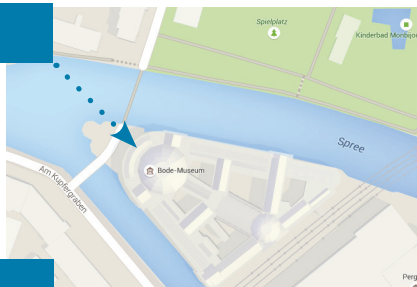
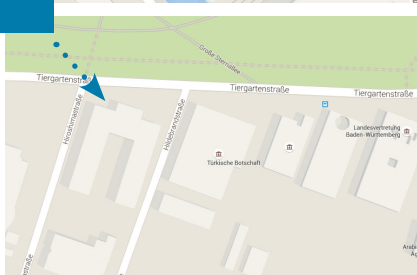


Bode-Museum
Gobelin-Saal



Italian Embassy



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Venue

Workshop

Bode Museum
Museum Island
Am Kupfergruben
10117 Berlin
Gobelin Saal

Evening Reception

Italian Embassy
Tiergartenstraße 22
10785 Berlin

Directions

Workshop

S+U-Bahn U6, S1, S2, S25
(Friedrichstraße)
S-Bahn S5, S7, S75
(Hackescher Markt)
Tram M1, 12
(Am Kupfergraben)
Tram M6, M4, M5,
(Hackescher Markt)
Bus TXL (Staatsoper)
Bus 100, 200 (Lustgarten)
Bus 147 (Friedrichstraße)

Evening Reception

S+U-Bahn U2, S1, S2, S25
(Potsdamer Platz)
Bus 200 (Tiergartenstraße)
Bus M29 (Hiroshimasteg)

Figures:

above: Non-invasive investigation of the Hepetnj statue with μ -XRF set-up
© Ägyptisches Museum und Papyrussammlung, Staatliche Museen zu Berlin /
Foto: Rathgen-Forschungslabor, below: Computed tomography details. Left CT cut
frontal, right CT cut axial © Bundesanstalt für Materialforschung und -prüfung.

Flyer: Sabrina Buchhorn, RF SMB-PK

Registration

We kindly ask you to use our forms to register for the workshop. The registration form will be placed on our website and shall be sent to rf@smb.spk-berlin.de. The registration deadline is the 5th of April 2016. The participation is limited up to 100 participants. Later registrations cannot be taken into account.

Organization:

Ina Reiche, Rathgen-Forschungslabor,
Staatliche Museen zu Berlin - Preußischer Kulturbesitz
Schloßstr. 1A, 14059 Berlin
Tel: +49 (0)30 266 427100
Fax: +49 (0)30 266 427110
E-Mail: rf@smb.spk-berlin.de
Website: www.smb.museum/rf

Co-Organization:

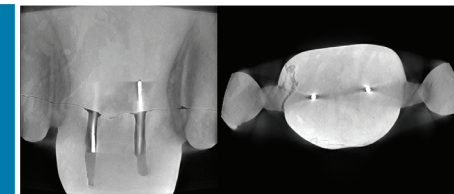
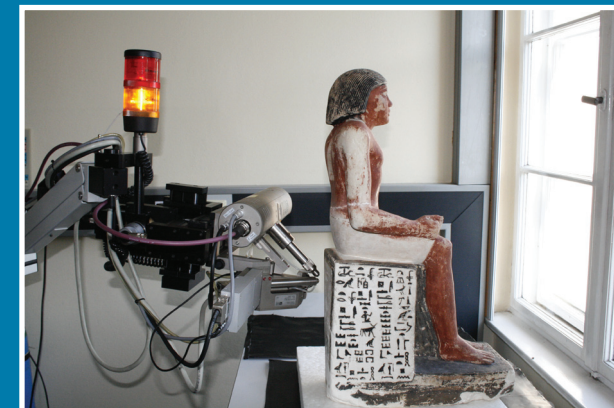
Matteo Pardo, Ambasciata d'Italia – Berlino

Partners:

Archäometrienetzwerk Berlin Brandenburg, Deutsches Archäologisches Institut, Forschungsallianz Kulturerbe, Gesellschaft für Naturwissenschaftliche Archäologie ARCHAEOMETRIE e.V. (GNAA), Integrated Platform for the European Research Infrastructure ON Culture Heritage (IPERION CH), Leibniz-Gemeinschaft and Stiftung Preußischer Kulturbesitz.



Italian-German workshop on “Technology and infrastructures for Cultural Heritage”



12 April 2016
Berlin

Aim of the workshop

Cultural heritage science is a dynamic research field and deals with preventive conservation of cultural heritage items; understanding of alteration phenomena; support for new, efficient and sustainable conservation and restoration strategies; art-technological studies; 2D and 3D analytical imaging techniques; digitization; archaeometric and bioarchaeological studies. For their study, integrated analytical strategies are required that combine different non- or minimal-invasive analytical techniques and examinations allowing insights into the materiality of the objects down to micro- and nanoscales.

The institutions working in the field of cultural heritage sciences face the challenge of studying very diverse art and archaeological objects from different perspectives. The need for the exchange of competences, resources and reference data is obvious.

This first Italian-German workshop on cutting-edge technological developments and new infrastructure initiatives in the field of cultural heritage science offers a detailed view on renowned Italian and German institutions and their current research activities as well as recently created infrastructures such as the European infrastructure IPERION-CH. It will be a stimulating platform of intense exchange of stakeholders, users and researchers creating new synergies for the development.

Program

8:30 Registration

9:00 Welcome Addresses

Keynote lectures

9:30 New cooperation with the Egyptian Museum Torino. A special exhibition of the founder of both museums: Bernardino Drovetti
[Friederike Seyfried, Ägyptisches Museum und Papyrussammlung, SMB-SPK, Berlin](#)
A dialogue between Egyptology and Science: Archaeometry as a tool, Research as an end
[Christian Greco, Museo Egizio, Torino](#)

Session 1 - European and national research infrastructures

10:10 The European Research Infrastructure for Heritage Science

[Luca Pezzati, CNR, E-RIHS](#)

10:30 German network initiative

[Stefan Brüggerhoff, Bergbaumuseum Bochum](#)

10:50 ARIADNE and PARTHENOS projects

[Franco Niccolucci, PIN Scrl](#)

11:10 Art-technological research at the Doerner-

Institut of the Bayrische Staatsgemälde-

sammlungen and in introduction of

IPERION-CH activities in Germany

[Heike Stege, Doerner Institut Munich](#)

11:30 Coffee break

Session 2 - Characterization of ancient materials using large-scale facilities

11:50 Radiocarbon dating and authentication issues in contemporary art

[Pier Andrea Mandò, Dipartimento di Fisica e Astronomia, Università di Firenze and INFN Firenze](#)

12:10 An infrastructure for isotope analysis and physical dating for cultural heritage

[Ernst Pernicka, The Curt-Engelhorn-Zentrum Archäometrie Mannheim](#)

12:30 Neutron probe to illuminate the past

[Carla Andreani, University Tor Vergata, Rome](#)

12:50 Computed Tomography and its potential for Cultural Heritage studies

[Andreas Staude, BAM Berlin](#)

13:10 Science in the Dresden State Art Collections – Conditions and Visions –

[Max Mäder, Sächsische Kunstsammlungen-HZDR Dresden](#)

13:30 Lunch break

Session 3 - Digitization/information and communication technology

14:30 Technologies for 3D digitization and web presentation

[Roberto Scopigno, CNR-ISTI](#)

14:50 Cultural Heritage projects in the idai.world research data infrastructure

[Reinhard Förtsch, DAI](#)

15:10 ICCU's contribution to PARTHENOS and in developing European Research Infrastructures in the cultural heritage sector

[Sara Di Giorgio, Central Institute for the Union Catalogue of Italian Libraries and Bibliographic Information \(ICCU\) of the Italian Ministry of Cultural Heritage](#)

15:30 On the verge of 3D mass digitization
[Pedro Santos, Fraunhofer Institute for Computer Graphics Research IGD](#)

15:50 Coffee break

Session 4 - Laboratories for cultural heritage science

16:10 Current Archaeometric Research
[Norbert Benecke, Department of Natural Sciences at the German Archaeological Institute](#)

16:30 Science and Art: MOLAB meets Burri
[Antonio Sgamellotti, Accademia dei Lincei](#)

16:50 Topoi's Publication strategies of digital cultural heritage data
[Gerd Graßhoff, TOPOI](#)

17:10 Applications of ionizing and non-ionizing and enabling technologies to Cultural Heritage

[Roberta Fantoni, ENEA FSN-TECFIS](#)

17:30 Climate change and cultural heritage: research and policy
[Cristina Sabbioni, CNR-ISAC](#)

17:50 **Round table:** future perspectives of technological networking in the field of cultural heritage science

19:00 End of workshop

20:00 **Evening Reception at the Italian Embassy,**
[Tiergartenstraße 22, 10785 Berlin](#)