

Session Program

19-22 Jun 2018



MLZ Conference: Neutrons for Culture and Art Elemental Analysis and Archeometry

Arabella Brauneck Hotel
Münchner Str. 25 83661 Lenggries

Wednesday 20 June

16:00

Elemental Analysis and Archeometry

Session | **Location:** Arabella Brauneck Hotel, Münchner Str. 25 83661 Lenggries

16:00-16:35

Integration of neutron-gamma techniques into neutron instrumentation for the investigation of Cultural Heritage objects

Speaker

Prof. Roberto Senesi

16:35-16:55

Application of PGAA, in-beam NAA and related Methods in Archaeometry

Speaker

Christian Stieghorst

16:55-17:15

Determination of element composition of archaeological objects by neutron resonance capture analysis

Speaker

Nina Bazhazhina

17:15

Thursday 21 June

09:00

Elemental Analysis and Archeometry

Session | **Location:** Arabella Brauneck Hotel, Münchner Str. 25 83661 Lenggries

09:00–09:35

Neutron versus x-ray imaging. Selected case studies at the National museums in Berlin using radiography, macro-x-ray fluorescence mapping and computed tomography

Speaker

Dr Ina Reiche

09:35–09:55

Tracing organic consolidants in wooden artefacts with neutron tomography

Speakers

Amélie Nusser, Kurt Osterloh, Ina Reiche

09:55–10:15

PGAA and NAA study of Roman Haltern 70 amphorae from ancient Lusitania and Baetica

Speaker

Dr Benilde F.O. Costa

10:15

11:00

Elemental Analysis and Archeometry

Session | **Location:** Arabella Brauneck Hotel, Münchner Str. 25 83661 Lenggries

11:00–11:35

Neutrons and Numismatics. A cooperation to uncover ancient history

Speaker

Dr Jacopo Corsi

11:35–11:55

Applications of Instrumental Neutron Activation Analysis (INAA) for Culture and Art at FRM II

Speaker

Dr Xiaosong Li

11:55–12:15

Coupled Neutron reflectivity / rheology for safe removal of synthetic varnish layer on easel paintings

Speaker

Ms Amélie Castel

12:15