



5th CrysAC workshop on
“Crystallography of ancient metals and metal corrosion”

Vienna, Austria – August 17, 2019

Electrical Engineering Department, Gußhausstrasse 25-29, 1040 Vienna

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|-------------|---------|--|
| 9.00 | Opening | K. Hradil , ISA2018 Chair - G. Artioli , CrysAC Chair |
| 9.10-9.50 | | A. Brandt (Helmholtz-Zentrum Berlin):
"Unveiling the secrets of ancient metal artifacts" |
| 9.50-10.30 | | E. Tereschenko (NRC Kurchatov Institute)
"New data of metal artifacts from old museum collections - experience of NRC Kurchatov Institute" |
| | | Break |
| 11.00-11.40 | | P. Craddock (British Museum)
"What the miners left behind they didn't want: So which minerals did they smelt in the Bronze Age?" |
| 11.40-12.20 | | M. Schreiner – R. Wiesinger (Institute of Science and Technology in Art)
"Corrosion of silver coins" |
| 12.20-13.00 | | S. Rabitsch, A. Malissa (Austrian National Library)
"Corrosion of silver inks" |
| | | Lunch |
| 14.30-15.10 | | M. Thoury (CNRS-IPANEMA)
"High spatial dynamics-photoluminescence imaging" |
| 15.10-15.50 | | F. Grazi (CNR-IFAC)
"The ancient steel sword technology revealed through neutron imaging and Bragg edge neutron transmission" |
| | | Break |
| 16.10-16.50 | | Q. Wang (British Museum)
"Unusual pale blue copper corrosion products on metal objects in museum collections" |
| 16.50-17.30 | | T. Blanton (ICDD)
"Laboratory microXRD Methods for Analysis of Metals, Alloys, and Corrosion Materials" |
| 17.30-17.45 | | Discussion and closing |