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University of Haifa
جامعة حيفا

EXPLORING HUMAN-MINERAL INTERACTIONS

Date

Friday 17th - Saturday 18th
November 2023

Place

Institut für Archäologien
Ägnes-Heller-Haus
4th Floor, Room 04K100
Innrain No.52a
Universität Innsbruck
6020 Innsbruck, Austria

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Techno-functional approaches to extracting and
processing mineral resources –
International Symposium

Keynotes

Prof. Cristina Lemorini; La Sapienza – Università di Roma
Prof. Thomas Stöllner; Ruhr-Universität Bochum

Listeners are very welcome to register at
info-himat@uibk.ac.at.

Please let us know whether you would like to attend in
person or digitally. We might be also very likely providing
a Youtube link to listen to presentations.



Organisers

Dr. Aydin Abar
Institut für Archäologien
University of Innsbruck

Dr. Isabella Caricola
The Zinman Institute of Archaeology
University of Haifa

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Time schedule, Friday 17th

8:30-9:00 Welcome and introduction by organisers

Keynote

9:00-9:30 Cristina Lemorini

Material analysis in the focus

9:30-10:00 Peter Tropper & Roman Lamprecht

Je härter desto besser: Petrologische und petrophysikalische Charakterisierung der bronze- und eisenzeitlichen Steingeräte aus dem Unterinntal

10:00-10:30 Pratik Pandey

Evaluating the Source Attribution of Chert and its Impact on Techno-Typological Variability of Microblade Technology in Mandakini Basin, India

10:30-11:00 **Coffee Break**

Extracting mineral resources

11:00-11:30 Hannah Arndt & Guntram Gassmann

Neolithic Hematite Mining in the Southern Black Forest

11:30-12:00 Andrea Terziani, Nicoletta Volante & Cecilia Viti

Macrolithic Tools from the Neolithic Cinnabar Mine of Spaccasasso Southern Tuscany, Italy): Preliminary Results from the Techno-Functional Analysis and Petrographic Characterization

12:00-12:30 Francesco Breglia, Isabella Caricola & Felice Larocca

Exploring Ancient Mines: A Review of Groundstone Tools from Southern Italy

12:30-14:00 **Lunch**

14:00-14:30 Mark A. Hunt Ortiz & Johan Ling

Stone Tools in the Bronze Age Iberian Peninsula Copper Mining. Las Minillas Mine (Granja de Torrehermosa, Badajoz, Spain)

14:30-15:00 Olga Zagorodnia & Harriet White

Mining and Ore-Processing Bone Tools from Great Orme Copper Mines

15:00-15:30 Xavier Terradas, Clara Fernández, David Ortega & Carles Roqué

The Mining Tools From the Prehistoric Quarries of Serra Llarga (NE Iberia): Preliminary Results From Lithological, Techno-Morphological and Functional Approaches

15:30-16:00 **Coffee Break**

16:00-16:30 Discussion

19:30 **Dinner**

Time schedule, Saturday 18th

Keynote

8:30-9:00 Thomas Stöllner

Processing Mineral Resources

9:00-9:30 Daniela Eugenia Rosso, Clodoaldo Rodlán García, Sonia Murcia Mascarós & Valentin Villaverde Bonilla

Processing Ochre in the Upper Palaeolithic: The Parpalló Cave Record

9:30-10:00 Aydin Abar & Elena Silvestri

Fracture Patterns on Macrolithic Flakes from the Late/Final Bronze Age Mining/Ore Beneficiation Site of Vetriolo (Comune di Levico, TN, Italy)

10:00-10:30 Diego Capra, Isabella Caricola, Giuseppina Mutri, Giulio Lucarini, Michael Boyd & Colin Renfrew

Ochre and hide working during the Bronze Age at Dhaskalio, Southern Cyclades: First Insights from Use-Wear Analysis

10:30-11:00 **Coffee Break**

Recycling Mineral Resources

11:00-11:30 Julia Haas & Roman Lamprecht

Investigating Prehistoric Slag Tempered Ceramics: Experiments on Slag Processing with Ground Stone Tools and Pottery Production

11:30-12:30 Final Discussion

12:30-14:00 **Lunch**

14:00-18:00 Excursion