



## SEMINAR

Institute of Theoretical and Applied Mechanics  
of the Czech Academy of Sciences  
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Czech Society for Mechanics  
and Institute of Theoretical and Applied Mechanics, CAS

invite you to a lecture and discussion within the lecture series **ITAM Seminar**

### **Scientific approaches to material studies: Bronze Age Cyprus case study**

given by

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Archaeological sciences, in the past two decades, have granted access to a whole new set of information, allowing the achievement of a deepened comprehension of the archaeological record. Nonetheless, they are still niche studies in the vast field of archaeology.

In this presentation, two brief study cases will be presented to highlight how archaeological scientific analyses can be the key-factor in deciphering ancient cultures.

Cyprus represents a very specific and independent context to work in: despite being an isolated island, it has been the center of most of the eastern Mediterranean and Aegean maritime trade routes, being constantly exposed to several different cultures and societies.

For this specific reason, local productions have always represented a unicum, showing local technological developments and outer technologies applied at the same time.

The case studies in the present conference concern the ceramic production and the plaster industry, with a focus on the chronological span comprised between the Bronze Age (2500-1050 BCE ca.) and the Early Roman Period (II century CE).

The materials in object have been (or will be) studied with several different analytic techniques, the result of which have been properly contextualized.

The presentation constitutes an occasion to introduce the new project within the frame of PlaCe-ITN (Horizon 2020 MSCA-ETN-ITN) – Training the next generation of archaeological scientists: Interdisciplinary studies of pre-modern Plasters and Ceramics from the eastern Mediterranean (PlaCe-ITN), which will be carried out at the Department of Lime Technologies of the Czech Academy of Science with the supervision of Dr. Jan Válek.

**The lecture will be held on Thursday, October 21, 2021 at 10 AM in the building of the Institute of Theoretical and Applied Mechanics Prague, Prosecká 76, Prague 9-Prosek.**