

Archeologický ústav AV ČR, Praha, v. v. i. si Vás dovoluje pozvat na přednášku:

## Luc Robbiola

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# „FROM THE EARLY METALS TO RODIN'S BRONZE: ARE CORRODED SURFACES A GREAT SOURCE OF INFORMATIVE DATA?“



Přednáška se uskuteční ve čtvrtek 14. září 2017 od 14:00 hodin  
v zasedací místnosti „OKA“ Archeologického ústavu AV ČR v Letenské 4.



## Annotation:

Patinas of archaeological and historic artefacts are often a source of data, which remains often unexplored. This communication, through different examples will detail some of them from typical examples issued both from archaeological remains as well as modern outdoor statues. This presentation aims to understand the global behaviour of bronze (copper-tin alloys) when exposed in natural media such as soil or atmosphere. Recent developments integrating the general corrosion model of bronze since bronze Age up today, as well as new investigating approaches, will be also presented.

Duration ~50 min.

**Luc Robbiola** is CNRS research engineer expert in Cultural materials science at Toulouse University. He is a specialist in metallurgy and surface chemistry as well as in conservation–restoration of works of art. His work mostly focuses on the corrosion and protection of copper-based alloys in natural environments, combining investigation on archaeological and historic materials, and on synthetic alloys. His main research applications relate to the diagnosis of alteration and conservation–restoration, and authentication of ancient materials

