

# ARCHEOLOGICKÁ KOLOKVIA

podzim 2019

Ústav archeologie a muzeologie si Vás dovoluje pozvat na přednášku:

**FLORIAN TÉREYGEOL**

(CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE)

**Mining center Castel-Minier: ore mining, ferrous and non-ferrous metallurgies between XIII<sup>th</sup> and XVI<sup>th</sup> Centuries**



přednáška se bude konat ve středu **9. 10. 2019 v 17.30**  
v učebně **M21** v budově Ústavu archeologie a muzeologie,  
Joštova 13, vstup z Komenského náměstí 2.

## Abstract:

Castel-Minier offers an amazing array of medieval mining and metallurgies between the end of XIII<sup>th</sup> and XVI<sup>th</sup> Centuries. The mine is associated with a fortification and metallurgical workshops, several of which have been excavated. The exploitation concerns various silver bearing ores (galena, tetrahedrite-tennantite), but also bournonite ( $\text{CuPbSbS}_3$ ) and chalcopyrite. The processing of iron ore from a nearby valley complements this rich range of metallurgical “*chaîne opératoire*”. Together, metallurgies of lead, silver, copper and iron show the great technical capabilities of the metallurgical teams present at the site. In addition to the archaeological ores, the stone mills for ore dressing, the remains of two hydraulic hammers, furnaces and fireplaces, the excavation of Castel-Minier has brought to light the most important corpus of medieval litharge cakes highlighting the different steps to refining silver.

## Florian Téreygeol

is a french senior researcher of CNRS (Centre National de la Recherche Scientifique) in the Institut de Recherche sur les ArchéoMATériaux (<http://www.iram-at-lmc.cnrs.fr>). He is specialized in technical knowledges in mining and metallurgy during medieval and modern times. He started his research at Melle (*Metallum*), the most important silver mines during Carolingian times. Since 2003, he led the international archaeological excavation at Castel-Minier. Out of France, he have led the Jabali excavation, a Yemeni silver mine. He surveyed in the department of Potosi (Bolivia) looking for evidences of non-ferrous metallurgies in colonial period (XV–XVIII<sup>th</sup>). Since 2007, He led the experimental platform dedicated to non-ferrous metallurgies at Melle (<http://www.mines-argent.com/carte-des-experimentations.html>).

