Beyond Bones
Applying Innovative Scientific Approaches to Paleontology and Archaeology

11th October 14:30 - 19:00
Conference hall - Ex ospedale militare
Via Fabio Severo 40, Trieste

Embark on a journey through paleontology and archaeology, where the past meets the future. Aimed at researchers and University students, this symposium explores several stimulating techniques, ranging from proteomics to isotope analysis and X-ray imaging. These methods, which continue to be subjects of ongoing research in physics and chemistry, promise to reshape our understanding of the past. Eminent speakers will discuss the most recent developments and new imaging methods for paleontology and archaeology. The symposium will be held in English, without translation. Interested citizens are also welcome to join.

14:30
Institutional greetings

15:00
Vincent Fernandez
Paleontologist - beamline scientist at the European Synchrotron in Grenoble ESRF
Synchrotron X-ray tomography in natural and cultural heritage

15:40
Amélie Beaudet (remote)
Paleoanthropologist - CNRS junior professor at PALEVOPRIM lab in Poitiers
Insights from the inside: imaging techniques applied to biological anthropology

16:20
Federico Bernardini
Archaeologist - researcher at the Venice Centre for Digital and Public Humanities (VeDPH)
X-ray computed microCT and other complementary methods in archaeology

17:00
Coffee break

17:40
Enrico Greco
Chemist - researcher and assistant professor at the University of Trieste
Proteomics and metabolomics analysis for the detection of food, nutraceuticals, and psychotropic substances in archaeological findings

18:20
Jeremy Martin
Paleontologist - CNRS researcher at ENS Lyon and University of Lyon
Non-traditional stable isotopes in paleodiетary studies

Chair: Ginevra Lautizi
PhD student in Physics at the University of Trieste - OptimaTo lab

INFO
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