

» ERASMUS+ TEACHING STAFF SERIES OF SEMINARS «

Departmental Internationalization Coordinator for Geological Area – Prof. Rosanna Maniscalco
Corso di Laurea in Scienze Geologiche, Dottorato di Ricerca in Scienze della Terra e dell'Ambiente

13.03.2023 – 15:00-16:30

Aula Microscopia, Sezione Scienze della Terra

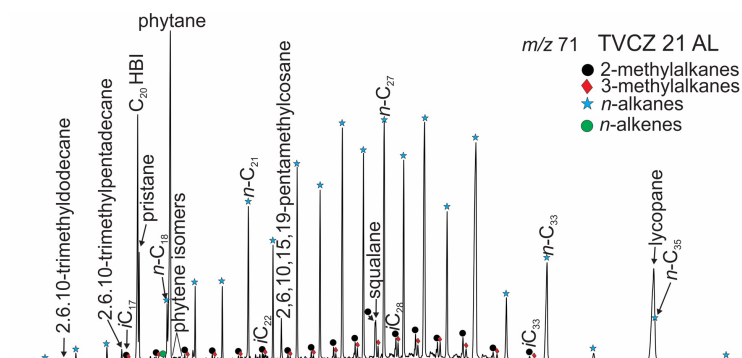
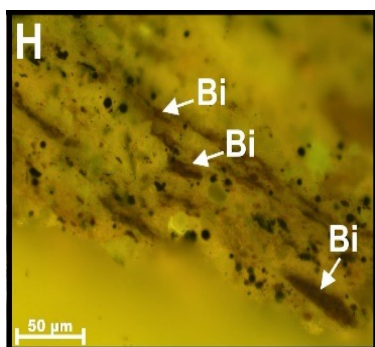
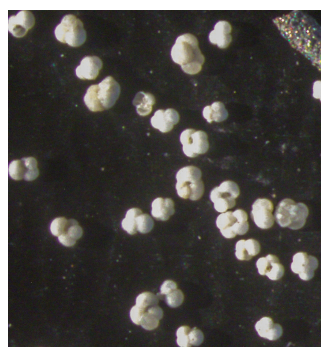


Dr. Ádám Nádudvari

Geochemical and biostratigraphic analyses on organic-rich shales of the Tripoli Formation (Sicily, Italy) preceding Messinian Salinity Crisis

Ádám Nádudvari and Martina Forzese

A recent study on the reconstruction of paleoenvironment and organic matter sources in pre-evaporite deposits. The case of study of the organic rich sequence at Torrente Vaccarizzo (Sicily, Italy). The work will focus on the methodology and results from the perfect bend of biostratigraphy (planktonic and benthonic foraminifera), petrographic microscope analyses and organic geochemistry.



Prof. Leszek Marynowski

Hemicellulose and other carbohydrates detection in sedimentary organic matter using GC-MS and methanolysis-GC-MS

Leszek Marynowski and team

The presentation is focussing on cellulose, but also hemicelluloses, which can persist for millions of years under favorable conditions with only minor structural changes due to slow microbial and/or diagenetic decay. In fossil wood, types of hemicellulose can help to assess whether the ancient plants were related to gymnosperms or angiosperms.

