

# Clay mineralogy and geochemistry of upper Jurassic bauxites and their immediate cover, Istria, Croatia

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**XVII ICC**  
ISTANBUL 2022  
25 -29 JULY



## 25 July 2022, Monday

15.45-17.00	Ballroom III - Posters Session / TS01 – TS06
VRT-1369	Modification and change in the distribution of Si-Al network toward Pb-rich mining waste incorporation into metakaolin-based geomaterial by XAS investigations
VRT-1224	Essential oil release delivery fabricated from modified palygorskite particles stabilizing Pickering emulsions
VRT-1242	Novel porous materials fabricated from Pickering foam stabilized by natural plant and attapulgite for removal of cationic dyes in water
VRT-1281	Injectable halloysite nanotube reinforced nanocomposite hydrogels for tissue engineering applications
PHY-1042	Significance of a fibrous clay event in the Lutetian-Bartonian deposits (Eocene) of the Paris Basin
NA-1245	Experimental study on the transformation of nontronite to kaolinite: implications for the formation of clay minerals on Mars
VRT-1161	Mineralogical Controls on Carbon Preservation in Carbon Limited Mars Analog Vitrisol Soils of Iceland
PHY-1397	Preliminary findings on the field occurrences of calcretes in a palaeosol section of the Karacadağ volcanics (Diyarbakır, SE Turkey)
VRT-1396	Mineralogy and Geochemistry of the Paleosol Sequences in Milas-Özlüce (SW Turkey)
PHY-1096	Clay mineralogy of the soils formed on Miocene marls and Plio-Quaternary sediments in a temperate climate
PHY-1384	Fired shards from selected ancient Anatolian ceramics: a brief review of their mineralogical nature and pedological -microstructural evolution
VRT-1260	Characterization of clay minerals in the soil around Fukushima contaminated area, Japan
PHY-1068	Clay mineralogy and geochemistry of upper Jurassic bauxites and their immediate cover, Istria, Croatia
PHY-1097	Autothermal reforming of biogas using an extruded honeycomb monolith: A new catalyst based on nickel incorporated illite clay promoted MgO
VRT-1400	TUFFAD: Modified Philippine natural zeolites (PNZ) adsorbents in modular filter tube device for groundwater filtration
VRT-1401	Recrystallized Philippine natural zeolites (PNZ) adsorbents via hydrothermal synthesis and ion exchange modification techniques for applications in compact air purification
PHY-1324	Theoretical study of interactions in the clay-polymer advanced hybrid nanomaterials
PHY-1412	Characterization of Granular Weathering (Grus) Products in the Southern Part of the Çine Submassif: Preliminary Results