

Aula Blu

09.30 Synthesis and structural characterization of a new high-pressure and high-temperature CaSiO_3 polymorph Chrappan Soldavini B.* & Merlini M.

09.35 ^{14}C age determination of beaches ridges from Terra Nova Bay, Antarctica Dumon Steenssens L.*, d'Elia M., Quarta G. & Mastronuzzi G.

09.40 Dating a pegmatitic lithium ore deposit: a critical thinking geochronology De Leo A.*, PedrosaSoares A. C., Lana C. & Farina F.

09.45 Potential mineral resources in historically dismissed Volcanogenic Massive Sulfide (VMS) deposits of the Emilia Romagna region (Italy): petrological and geochemical study for Critical Raw Materials (CRMs) exploration and exploitation Tagliacollo L.*, Bonadiman C., Sacconi E., Bianchini G., Brombin V. & Tassinari R.

09.50 Mineralogical and geochemical characterization of Red Muds from Portovesme (SW Sardinia, Italy) Ouladmansour A.*, Mesto E., Lacalamita M., Mongelli G., Mameli P., Cerri G., Capitani G., Conconi R., Agrosi G. & Schingaro E.

09.55 Geochemical analysis and palaeoenvironmental reconstruction of the laminated limestones from the Villaggio del Pescatore fossil site (Trieste, Italy) Baldassarri L.*, Fanti F., Dinelli E. & Bais G.

10.00 Laboratory experiments and geochemical models for CO_2 mineralization in basalts Yakisik O.*, Geloni C., Tamburelli S., Ruggieri G., Orlando A., Borrini D., Gherardi F. & Toscani G.

10.05 Inverse modelling for estimating gas flow emission rate on stationary vents Semprebello A.*, Lazzaro G., Caruso C., Scirè Scappuzzo S., Morici S., Gattuso A. & Longo M.

10.10 FRESCO, a Python open source tool to democratize CRISM spectral data management, analysis, and mapping Baroni M.*, Baschetti B., Pisello A., Massironi M. & Petrelli M.

10.15 African amphorae from Cumae: archaeometric study for provenance and technological features Scanu M.*, Capaldi C., Ciotola A., D'Uva F., Morra V., Verde M. & De Bonis A.

10.20 2D image analysis of mortars: Amount of cement paste and texture of the aggregates Casarin A.*, Radica F., Iezzi G., Galderisi A., Bravo M., de Brito J., Brando G., Nazzari M. & Scarlato P.

10.25 Microplastics characterisation in shallow waters of the Arno River (Central Italy) and its discharge into the Mediterranean Sea: the main impacting role of the smallest size particles Monnanni A.*, Rimondi V., Morelli G., Nannoni A., Sforzi L., Martellini T., Cincinelli A., Chelazzi D., Laurati M., Lattanzi P. & Costagliola P.

10.30 Radionuclides Assessment in Municipal Solid Waste Incineration Plants Wastes: A Comparative Case Study of Pre- and Post-Pandemic Periods Ghani J.*, Dinelli E., Funari. V., Giuliani. S. & Bellucci L.G.

10.35 A Comprehensive Study of Ammonium Removal from Livestock Effluents Using Zeolites in Various Operational Scenarios Balzan S.*, Botezatu C., Faccini B., Ferretti G., Galamini G., Mattioli L., Tassoni G. & Coltorti M.

10.40 Sewage sludge ashes characterization and microwave thermochemical treatment for fertilizer production Massa M.*, Calce S., Pachaiappan P. & Bontempi E.

10.45 Artificial weathering and surficial consolidation techniques applied to the 'Peperino' from the Alban Hills volcano (Latium, Italy) Luconi I.*, Ercoli R. & Paris E.

10.50 Development of a site-screening method for hydrogen storage purposes and its application to an industrial dataset of Italian reservoirs Ridolfi R.M.*, Azzaro S., Beaubien S.E., Da Pra A., Pontiggia M. & Bigi S.