



XVII ICC
ISTANBUL 2022
25 -29 JULY



ICC 2022 DETAILED PROGRAM

26 July 2022, Tuesday

TS23 Rare-Earth elements and clays

Convener: *Elliott, W.C., Mall, P.*

- 13:00** **PHY-1020 Rare Earth element trends in regolith on historically managed sites in the southeastern United States Piedmont**
Paul A. Schroeder, Jason C. Austin, Aaron Thompson, and Daniel D. Richter
- 13:15** **PHY-1074-Yttrium and rare earth modes of occurrence in manganese crusts from bentonite deposits of the Texas coastal plains**
Debora Berti, Niall C. Slowey, Youjun Deng, Thomas E. Yancey, Ana L. Barrientos Velazquez
- 13:30** **PHY -1136-Uniquely high rare earth element enrichment in regolith from Mount Weld REE deposit, Western Australia**
Irina A Zhukova, Aleksandr S Stepanov, Shao-Yong Jiang, David Murphy
- 13:45** **VRT-1010-Rare-earth heavy-minerals in kaolin ore, mine tailings, and associated heavy-mineral sands of the central Georgia Coastal Plain**
Anthony Boxleiter and W. Crawford Elliott
- 14:00** **VRT-1222-Effective Visible/Near Infrared Reflectance Spectroscopic Proxies for Exploration of Regolith-hosted Rare Earth Element Resources**
Wei Tan, Xiaorong Qin, Hongping He
- 14:15** **VRT-1228-Geochemical and mineralogical evolution of cerium during the chemical weathering for ion-adsorption type rare-earth element deposits in Southern China**
Mei Lu, Hongping He, Wei Tan, Xiaoliang Liang