



XVII ICC
ISTANBUL 2022
25 -29 JULY



ICC 2022 DETAILED PROGRAM

28 July 2022, Thursday

TS17 Advanced microscopy in clays

Convener: *Chiou, W.A., Christidis, G., Dohrmann, R.*

- 13:00** **PHY-1081-Atom probe tomography: A unique technique for the investigation of clay minerals at the nanoscale**
Chiara Cappelli, Alberto Pérez-Huerta
- 13:15** **VRT-1150-A multi-technique approach to probe cations in birnessite and their hydration state**
R. Coustel, D. Cornu, E. André, L. Pérez Ramírez, J.-J. Gallet, F. Bournel, C. Ruby, C. Carteret, F. Rochet
- 13:30** **VRT -1351-Application of advanced electron/ion microscopy in nano clay research**
Wen-An Chiou
- 13:45** **VRT-1277-Interlayer structure of dehydroxylated chlorite examined by HR-TEM**
Toshihiro Kogure, Takuya Umezome
- 14:00** **VRT-1343-Input of Transmission Electron Microscopy and electron diffraction to investigate the smectite crystal structure**
Anne-Claire Gaillot, Eric Gautron, George Christidis