



XVII ICC
ISTANBUL 2022
25 -29 JULY



ICC 2022 DETAILED PROGRAM

28 July 2022, Thursday

TS13 Clay geochronology

Convener: *Allard, T., Wampler, J.M.*

- 9:45** **PHY-1107-Extracting radiometric ^{40}Ar - ^{39}Ar ages in a threecomponent system: an example from the Tatra Mountains, Poland**
Artur Kuligiewicz, Marek Szczerba, Michał Skiba, Chris M. Hall
- 10:00** **PHY-1294-Paleozoic ferruginous duricrust formation in Malawi: new insights from the (U-Th)/He geochronological, geochemical and mineralogical investigations**
Maximilien Mathian, Guillaume Baby, Jean-Noël Ferry, Patrick Rafiki N Chindandali, Cécile Quantin, Rosella Pinna-Jamme, Cécile Gautheron
- 10:15** **PHY -1214-Crystallinity, K-Ar dating and stable isotopic analyses of clay alteration in the Patterson Lake Corridor, Athabasca Basin, Saskatchewan, Canada**
Jeanne B. Percival, Jeremy W. Powell, Kenzie Gracequist, Igor Bilot and Alain Grenier
- 10:30** **VRT-1185-Validation of a procedure for high-precision determination of $^{40}\text{Ar}^*/\text{K}$ in clay**
J. M. Wampler, W. Crawford Elliott
- 10:45** **VRT-1195-Dating fault activity in the Eastern part of the Pyrenees: a combined approach low temperature thermochronology and $^{40}\text{Ar}/^{39}\text{Ar}$**
Gaétan Milesi, Delphine Charpentier, Patrick Monié, Henri Leclère, Philippe Münch, Aoutmane Bouaoudi, Martine Buatier, Pierre Trap, Roger Soliva, Arthur Iemmolo