



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



## ICC 2022 DETAILED PROGRAM

**28 July 2022, Thursday**

### TS27 Clays - burial diagenesis - low temp metamorphism

**Convener:** *Bozkaya, Ö., Środoń, J., Mählmann, R.F.*

- 11:15**     **PHY-1108-Origin of trioctahedral clay minerals in the Padul- Nigüelas fault rocks (Betic Cordillera, Spain)**  
*Isabel Abad, Fernando Nieto, Matías Reolid, Juan Jiménez-Millán*
- 11:30**     **PHY-1267-Illitization of smectite in ammonium solutions under hydrothermal conditions**  
*F.J. Huertas, M.J. Bentabol, A.E.S. Van Driessche*
- 11:45**     **PHY-1013-Chlorite REE geochemistry to unveil hydrothermal processes at the incipient stage of oceanization of Mid-Triassic Dinaridic Tethys**  
*Branimir Šegvić, Luka Badurina, Bethany Morgan, Damir Slovenec*
- 12:00**     **PHY -1134-Clay Mineralogy of the Tomanova Formation – inland fresh water sediments of upper Triassic age**  
*Michał Skiba, Marta Kisiel, Piotr Jaglarz, Katarzyna Maj-Szeliga, Dorota Salata, Beata Żymełka, Magdalena Makiel*

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- 14:30**     **PHY -1200-Diagenesis of Magnesian Clay Minerals in Santos Basin (Aptian)**  
*Camila W. Ramnani, Julice F. Santos, Yaro Parizek-Silva, Vanessa Madrucci, Maria Rosilene F.M. Santos, Carlos C. Araújo*
- 14:45**     **NA-1364-Clay mineral formation in Permian rocks of a geothermal borehole at Northern Upper Rhine Graben, Germany**  
*Lan NguyenThanh, Rafael Ferreira Mählmann, Thao HoangMinh, Rainer Petschick, Thomas Reischmann, HeinzDieter Nesbor, Myriam Ruttmann, JohannGerhard Fritsche*
- 15:00**     **PHY-1387-Multi stage illitization of K-bentonites from diagenesis to very low-grade metamorphism: An example from Early Carboniferous of southern Turkey**  
*Ömer Bozkaya, Asuman Günal-Türkmenoğlu, Mehmet Cemal Göncüoğlu, Jan Środoń, Marek Szczerba, I. Tonguç Uysal*