

**Oral Programme GG4**

**Clay Minerals & Climate Change**

Convener: Luigi Marinoni

**Friday 19 June, 2009**

**Chairs:** Luigi Marinoni & Massimo Setti

- 14.30 – 15.00 GG4.Fri.KL1  
*Jean-Frank Wagner\**, *Oscar Baeza*, *Tatjana Steinke*, *Rolf Kilian*  
MECHANISM OF LATE GLACIAL TO HOLOCENE CLAY MINERAL TRANSPORT IN A FJORD SYSTEM ACROSS THE SOUTHERNMOST ANDES (53°S)
- 15.00 – 15.20 GG4.Fri.L2  
*István Viczián \**  
MINERALOGY OF PLIOCENE AND QUATERNARY ALLUVIAL SEDIMENTS OF THE PANNONIAN BASIN: A QUANTITATIVE APPROACH
- 15.20 – 15.40 GG4.Fri.L3  
*Patricia Angelika Roeser\**, *Emmanoel Viera Silva-Filho*, *Ana Luiza Spadano Albuquerque*, *Ana Maria Graciano Figueiredo*, *Rômulo Simões Angélica*, *Holger Weiss*  
CLAY MINERALS AS POSSIBLE PALEOCLIMATIC INDICATORS FOR RIO DA PRATA BASIN
- 15.40 – 16.00 GG4.Fri.L4  
*Victor Mats\**, *Tamara Lomonosova*, *Galina Vorobjova*, *Liba Granina*, *Gelena Vologina*  
EVOLUTION OF CRUST- AND SOIL FORMATION AND SEDIMENTATION FROM LATE CRETACEOUS TO QUATERNARY (THE BAIKAL REGION)
- 16.00 – 16.20 GG4.Fri.L5  
*Tatiana Alekseeva\**, *Pavel Kabanov*, *Andrey Alekseev*, *Berta Zolotareva*, *Veronika Alekseeva*  
LATE CARBONIFEROUS PLYGORSKITIC PALEOSOL: KEY TO PENNSYLVANIAN CLIMATE

**Poster Programme GG4**

**Posting:** Wednesday 17 June, 20.30-22.30. **Removal:** Friday 19 June.

**Attendance Time:** Thursday 18 June, 8:30–20:00

**Chairs:** Luigi Marinoni & Massimo Setti

- GG4.Thu.P1 *Nikolina Iljanić\*, Slobodan Miko, Ozren Hasan, Saša Mesić, Martina Šparica-Miko, Georg Koch, Koraljka Bakrač*  
HOLOCENE EVOLUTION OF THE VRANSKO JEZERO CATCHMENT (CROATIA): A RECONSTRUCTION BASED ON CLAY MINERALOGY AND GEOCHEMISTRY
- GG4.Thu.P2 *Ali Kasraian\*, Hamidreza Owliaie*  
CLAY MINERAL DISTRIBUTIONS IN THE SEDIMENTARY ROCKS OF KOHGILOUYE, IRAN
- GG4.Thu.P3 *Ceren Küçükuyusal\*, Asuman G. Türkmenoğlu, I. Ömer Yılmaz*  
CLAY MINERALS AS PALEOCLIMATE INDICATORS OF PLIOCENE-PLEISTOCENE TIME RANGE, ANKARA AREA, TURKEY
- GG4.Thu.P4 *Xabier Murelaga, M<sup>a</sup> Cruz Zuluaga\*, Juan Cruz Larrasoaña, Miguel Garces, Javier Pérez Rivas, Marta Vázquez-Urbez*  
CLAYS AND CLIMATIC VARIATIONS IN THE EARLY-MIDDLE MIOCENE OF THE EBRO BASIN (IBERIAN PENINSULA)
- GG4.Thu.P5 *Shlomo Shoval\*, Olga Zlatkin*  
CLIMATIC CHANGES DURING THE PLIOCENE AS OBSERVED FROM LAGOONAL SEDIMENTS OF THE SEDOM FORMATION, THE DEAD SEA BASIN
- GG4.Thu.P6 *Shlomo Shoval\**  
CLAY MINERAL ASSEMBLAGES OF A PLIOCENIC SALINE ENVIRONMENT – THE LAGOONAL SEDIMENTS OF THE SEDOM FORMATION, THE DEAD SEA BASIN
- GG4.Thu.P7 *Nurdan Yavuz-Işık\*, Asuman Günel Türkmenoğlu*  
COMPARISON OF CLAY MINERALS OF THE NEOGENE FLUVIAL-LACUSTRINE DEPOSITS WITH POLLEN DATA AS CLIMATIC INDICATOR IN THE CAPPADOCIAN VOLCANIC PROVINCE, CENTRAL ANATOLIA, TURKEY
- GG4.Thu.P8 *Alfonso Yuste\*, María José Mayayo, Arantxa Luzón, Blanca Bauluz*  
PALAEOENVIRONMENTAL IMPLICATIONS FROM PHYLLOSILICATES ASSOCIATIONS IN A LACUSTRINE SYSTEM (EBRO BASIN)
- GG4.Thu.P9 *Mustafa Ergin\*, Emel Bayhan, Abidin Temel, Nezaket Dönmez*  
CLAY MINERAL DISTRIBUTION IN LATE QUATERNARY SEDIMENTS FROM THE CINARCIK BASIN-IZMIT GULF TRANSITION, MARMARA SEA, TURKEY