

Oral Programme GG2

Clay Mineral Association of the Cretaceous - Paleogene and Paleocene - Eocene Boundary Events

Convener: Pavle I. Premovic

Friday 19 June, 2009

Chair: Pavle I. Premovic

- 08.50 – 09.20 GG2a.Fri.KL1
Lars Riber, Florin Burca, Henning Dypvik, Denise Rüther, David Jargvoll, Jenö Nagy*
MINERALOGICAL SHIFTS AT THE PALEOCENE-EOCENE THERMAL MAXIMUM (PETM) EVENT, SVALBARD
- 09.20 – 09.40 GG2a.Fri.L2
*Pavle Premović, Maja Stanković, Justyna Ciesielczuk, Bratislav Todorović**
THE REDDISH "IMPACT" LAYER OF THE BASAL FISH CLAY AT CRETACEOUS-PALEOGENE BOUNDARY, HØJERUP (STEVNS KLINT, DENMARK)
- 09.40 – 10.00 GG2a.Fri.L3
Anton Preisinger, Selma Aslanian, Friedrich Grass, Johann Wernisch*
FALLOUT AND BOUNDARY CLAY OF THE CRETACEOUS/PALEOGENE (K/T) BOUNDARIES OF CARAVACA (SPAIN), CERBARA (ITALY) AND BJALA (BULGARIA)
- 10.00 – 10.20 GG2a.Fri.L4
Katja I. Panov, Mirjana S. Pavlović, Pavle I. Premović, Budimir S. Ilić, Dragan M. Đorđević*
COSMOGENIC NI IN THE CRETACEOUS-PALEOGENE BOUNDARY CLAY AT BLAKE NOSE (NW ATLANTIC)
- 10.20 – 10.40 GG2a.Fri.L5
Victoria Krupskaya, Alexey Krylov, Vyacheslav Sokolov, Mikhail Chernov, Irina Andreeva*
CLAY MINERALS OF THE CRETACEOUS AND PALEOGENE SEDIMENTS FROM THE LOMONOSOV RIDGE, ARCTIC OCEAN (BASED ON IODP-302 DATA)

COFFEE BREAK 10.40-11.00

Friday 19 June, 2009

Chair: Henning Dypvik & Pavle I. Premovic

- 11.00 – 11.30 GG2b.Fri.L1
Dirk Schumann, Timothy D. Raub, Robert E. Kopp, Jean-Luc Guerquin-Kern, Ting-Di Wu, Isabelle Rouiller, Aleksey V. Smirnov, S. KellySears, Uwe Lücken, Sonia M. Tikoo, Reinhard Hesse, Joseph L. Kirschvink, Hojatollah Vali*
GIGANTIC BIOGENIC MAGNETITE IN BOUNDARY CLAYS AT THE PALEOCENE-EOCENE THERMAL MAXIMUM
- 11.30 – 11.50 GG2b.Fri.L2
Ramkumar Muthuvairavasamy, Anbarasu Kuppan, Doris Stueben, Zsolt Berne*
ENVIRONMENTAL AND CLIMATIC CONDITIONS ACROSS CRETACEOUS-TERTIARY TRANSITION IN THE CAUVERY BASIN, SOUTH INDIA: EVIDENCES FROM CLAY AND BULK MINERALOGICAL DATA
- 11.50 – 12.10 GG2b.Fri.L3
Martin Kennedy, Thomas Wagner*
PRESERVATION OF ORGANIC CARBON WITHIN THE INTERLAYER SITES OF SMECTITE WITHIN MILLINEAL SCALE CYCLES OF A CRETACEOUS OAE
- 12.10 – 12.30 GG2b.Fri.L4
J. P. Shrivastava, Mansoor Ahmad*
CLAY MINERALOGICAL VARIATIONS IN THE BOLE HORIZONS FROM THE EASTERN DECCAN VOLCANIC PROVINCE: DURATION OF DECCAN VOLCANISM AND K/Pg BOUNDARY
- 12.30 – 12.50 GG2b.Fri.L5
*Pavle I. Premović**
THE CRETACEOUS-PALEOGENE BOUNDARY CLAY BEDS IN THE WORLD OCEANS: EVIDENCE FOR THE GLOBAL ACIDIFICATION OF OCEAN SURFACE

Poster Programme GG2

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

Attendance Time: Thursday 18 June, 18:30-20:00

Chair: Pavle I. Premovic

- GG2.Thu.P1 *Ray Ferrell**, *David T. King jr.*, *Lucille W. Petruny*
CLAY PSEUDOMORPHS OF KT MICROTEKTITES, SHELL CREEK, ALABAMA, USA
- GG2.Thu.P2 *Pavle I. Premović*, *Nikola D. Nikolić*, *Budimir S. Ilić*, *Dejan T. Dulanović**
GEOCHEMISTRY OF THE CRETACEOUS-PALEOGENE BOUNDARY CLAY FROM THE STARKVILLE-SOUTH SITE (THE RATON BASIN, USA): VANADIUM
- GG2.Thu.P3 *J. Arostegui*, *J.I. Baceta*, *V. Pujalte*, *M.C. Zuluaga**
LATE CRETACEOUS-EARLY PALEOCENE MID-LATITUDE CLIMATES: INFERENCES FROM CLAY MINERALOGY OF TREMP-GRAUS BASIN COASTAL SEQUENCES (PYRENEES, N SPAIN)
- GG2.Thu.P4 *Jamel Gharsalli**, *Rim Rkik*, *Housseem Mzali*, *Faiçal Turki*, *Fakher Jamoussi*, *Fakher Jamoussi*
CHANGES IN CLAY MINERALS OF CRETACEOUS-PALEOGENE IN NORTH EASTERN TUNISIA AND DISCUSSION ABOUT THE RESPONSIBLE FACTORS: PALAEOGEOGRAPHY, DIAGENETIC AND VOLCANIC INFLUENCES
- GG2.Thu.P5 *Bratislav Z. Todorović*, *Mirjana S. Pavlović*, *Pavle I. Premović*, *Nenad S. Krstić**, *Miloš G. Đorđević*
GEOCHEMISTRY OF THE CRETACEOUS-PALEOGENE BOUNDARY CLAY (FISH CLAY) AT HOJERUP (STEVNS KLINT, DENMARK): CU IN THE SMECTITE CONCENTRATE