

Oral Programme CE8

Processing and Properties of Ceramic Materials

Conveners: Philippe Blanchart, Ahmed K. Aboul-Gheit

Thursday 18 June, 2009

Chair: Philippe Blanchart

- 08.50 – 09.20 CE8a.Thu.KL1
*Michele Dondi**
HOW INNOVATION IN CERAMIC PROCESSING IS CHANGING BALL CLAY REQUIREMENTS
- 09.20 – 09.40 CE8a.Thu.L2
Chiara Zanelli, Claudio Iglesias, Eduardo Dominguez, Michele Dondi, Mariarosa Raimondo, Guia Guarini, Rosa Ullmann*
IMPROVING TECHNOLOGICAL PERFORMANCES OF BALL CLAYS: THE CASE-STUDY OF CERAMIC RAW MATERIALS FROM PATAGONIA (ARGENTINA)
- 09.40 – 10.00 CE8a.Thu.L3
Raghavan Pattathil, Savithri Sivaraman, Suresh Nikkam*
ANALYSIS OF PRE-TREATMENT EFFECTS FOR THE REMOVAL OF TITANOFERROUS IMPURITIES FROM CHINA CLAY BY FROTH FLOTATION
- 10.00 – 10.20 CE8a.Thu.L4
Miriam Peuker, Ralf Diedel, Kerstin Petrick, Eve Menger-Krug, René Kaden, Katja Emmerich, Rainer Schuhmann, Matthias Dieterle, Paul Kuch, Stefan Huber, Heike Fischer, Daniel Beyer, Andreas Zehnsdorf, Peter Krolla-Sidenstein*
INVESTIGATION OF THE CLAY MATURING PROCESS AS BASIS FOR PROPERTY-ENHANCING UTILIZATION AND CONTROL OF MICROBIOLOGICAL REACTIONS
- 10.20 – 10.40 CE8a.Thu.L5
Hongliang Xu, Meng Wang, Hongxia Lu, Hailong Wang, Deliang Chen, Rui Zhang, Shaokang Guan, Qinfu Liu*
FABRICATION AND CHARACTERIZATION OF FLOOR TILES FROM COAL GANGUE AND COAL FLY ASH

COFFEE BREAK 10.40-11.00

Thursday 18 June, 2009

Chair: Michele Dondi

- 11.00 – 11.30 CE8b.Thu.L1
Zeljko Lalic, Milica Arsenovic, Zagorka Radojevic*
CORRECTION OF CRITERIA FOR CLAY DRYING SENSITIVITY ON THE BASIS OF BIGOT`S CURVE
- 11.30 – 11.50 CE8b.Thu.L2
In-Hyuck Song, Eun-Jung Lee, Hai-Doo Kim, Young-Wook Kim*
INVESTIGATION OF A LIGHT-WEIGHTED HUMIDITY CONTROLLING MATERIAL WITH MICROCELLULAR PORE STRUCTURE
- 11.50 – 12.10 CE8b.Thu.L3
*István Kocserha, László A. Gömze**
FRICTION PROPERTIES OF CLAY COMPOUNDS
- 12.10 – 12.30 CE8b.Thu.L4
Benjamin Verhaeghe, Christian Courtois, Jean Dominique Guerin, Anne Leriche*
CHARACTERISATION AND ANALYSIS OF MECHANICAL PROPERTIES VERSUS POROSITY IN CLAY CERAMICS
- 12.30 – 12.50 CE8b.Thu.L5
*F. Gridi-Bennadji, S. Deniel, G. Di Vita, D. Chateigner, P. Blanchart**
MECHANICAL PROPERTIES OF TEXTURED CERAMICS FROM MUSCOVITE-KAOLINITE ALTERNATE LAYERS

LUNCH 12.50-14.20

Thursday 18 June, 2009

Chair: Philippe Blanchart

- 14.30 – 15.00 CE8c.Thu.L1
*László A. Gömze, Ferenc Kristály**
STAGES OF TRANSFORMATION OF VEGETAL ADDITIVE MATERIALS UPON CLAY MIXTURE FIRING
- 15.00 – 15.20 CE8c.Thu.L2
*Younes Beygi Khosrowshahi, Amin Salem**
THE EFFECT OF BINDER MIXING ON TECHNICAL PARAMETER OF CERAMIC RASHIG RINGS
- 15.20 – 15.40 CE8c.Thu.L3
Chantale Djangang Njiomou, Uphie Melo Chinje, Antoine Elimbi, Laure Gisele Lecomte, Julien Soro, Daniel Njopwouo*
MICROSTRUCTURE OF CLAY-CHAMOTTE CERAMIC COMPOSITES
- 15.40 – 16.00 CE8c.Thu.L4
Ehsan Sharifi, Habib Allah Torshizian, Mohammad Javanbakht, Hossein Abbassnia*
INTRODUCING OF BIMORGH KAOLIN INDUSTRIAL APLICATIONS IN NORTHEAST OF IRAN
- 16.00 – 16.20 CE8c.Thu.L5
Osumanu Haruna Ahmed, Nik Muhamad ab. Majid, Mohamadu Boyie Jjalloh*
EFFECT OF GRAIN SIZE ON THE QUALITY OF POTTERY CLAYS

Poster Programme CE8

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

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

Chair: Philippe Blanchart

- CE8.Thu.P1 *Walid Hajjaji*, Mondher Hachani, Alberto Lopez-Galindo, Joao Labrincha, Fernando Rocha, Fakher Jamoussi*
TECHNOLOGICAL PROPERTIES OF TITHONIAN-BARREMIAN DETRITAL DEPOSITS OF CENTRAL TUNISIA
- CE8.Thu.P2 *Milica Hadnadjev*, Snezana Petrovic, Vilma Ducman, Jonjaua Ranogajec, Radmila Marinkovic-Neducin, Sinisa Markov*
DESIGN OF SELF-CLEANING TiO₂ COATING ON CLAY ROOFING TILES
- CE8.Thu.P3 *J. Y. Y. Andji*, S. Deniel, J. C. Jumas, J. Yvon, P. Blanchart*
MECHANICAL PROPERTIES OF CLAY CERAMICS CONTAINING IRON
- CE8.Thu.P4 *Mazin Tamar-Agha*, Taha Al-Nuaimi*
UTILIZATION OF PHOSPHOGYPSUM AND KAOLINITIC CLAY IN MANUFACTURING THERMAL INSULATORS AND REFRACTORIES
- CE8.Thu.P5 *W. Hajjaji*, P. Seabra, J.A. Labrincha*
TITANITE INORGANIC PIGMENTS OBTAINED FROM INDUSTRIAL WASTES
- CE8.Thu.P6 *Mohammad Javanbakht*, Habib Allah Torshizian, Ehsan Sharifi, Hossein Abbasnia, Mohsen Allameh*
GEOCHEMISTRY, MINERALOGY AND INDUSTRIAL APPLICATION OF SAFI ABAD KAOLIN IN NORTHEAST OF IRAN
- CE8.Thu.P7 *Yung-Sheng Lee, Tsing-Hai Wang, Jiann-Ruey Chen, Shi-Ping Teng**
EFFECT OF CALCINATION TEMPERATURE ON SURFACE CHEMISTRY OF MONTMORILLONITE MX-80
- CE8.Thu.P8 *Kazumi Minagawa*, Hirohisa Yamada, Kenji Tamura, Yujiro Wawanabe*
DEVELOPMENT OF SYNTHETIC METHOD FOR NANO-PARTICLES OF HYDROXIDE AND LAYERED DOUBLE HYDROXIDE
- CE8.Thu.P9 *Manuel Pozo, Javier Menendez, Sonia Gracia**
PROPOSAL OF A GRAIN-SIZE BASED PHYSICAL SEPARATION PROCEDURE IN THE PURIFICATION OF BALL-CLAYS FOR CERAMIC INDUSTRY
- CE8.Thu.P10 *Gaida Sedmale, Andris Celms*, Andris Cimmers*
DIFFERENTLY PREPARED ILLITE CLAY COMPOSITIONS FOR POROUS CERAMICS
- CE8.Thu.P11 *Ana Velosa, Fernando Rocha*, Humberto Varum*
LIME/METAKAOLIN MORTARS FOR ADOBE WALLS
- CE8.Thu.P12 *Małgorzata Franus*, Wojciech Franus, Jolanta Latosińska*
UTILIZATION OF USED UP GLAUCONITE BED FOR MAKING LIGHTWEIGHT AGGREGATE
- CE8.Thu.P13 *Agata Stempkowska*, Dariusz Kata, Piotr Izak, Stanisław Hybner*
SOME ASPECTS OF USING RAW ADDITIVES FOR MODIFYING CERAMICS MASSES
- CE8.Thu.P14 *Francesco Dellisanti, Giovanni Valdrè**
HIGH TEMPERATURE STRUCTURAL CHARACTERIZATION OF DEFORMED KAOLINITE