

Oral Programme CE3

Clays in Traditional Ceramic Industry

Conveners: Fernanda Andreola, Tiziano Manfredini

Wednesday 17 June, 2009

Chairs: Fernanda Andreola & Tiziano Manfredini

- 08.50 – 09.20 CE3a.Wed.KL1
*José M.F. Ferreira**, *Paula Torres*, *Hugo R. Fernandes*
THE ROLE OF CLAYEY MATERIALS IN CERAMIC INDUSTRY: HOW TO USE THEM AS MINOR COMPONENTS IN OLD AND NEW PRODUCTS FOR DIFFERENT APPLICATIONS?
- 09.20 – 09.40 CE3a.Wed.L2
*Chiara Zanelli**, *Michele Dondi*, *Mariarosa Raimondo*, *Guia Guarini*, *Claudio Iglesias*, *Eduardo Dominguez*, *Ricardo Echeverry*
UKRAINIAN BALL CLAYS: MINERALOGICAL CHARACTERIZATION AS A KEY TO EXPLAIN THEIR OUTSTANDING TECHNOLOGICAL PROPERTIES
- 09.40 – 10.00 CE3a.Wed.L3
*Lineo Aparecido Gaspar Junior**, *Angélica Forte Drummond Chicarino Varajão*, *Maria Margarita Torres Moreno*
CHEMICAL, MINERALOGICAL AND TECHNOLOGICAL ANALYSIS OF THE REGOLITHIC CLAY COVERS FROM THE REGION OF ALFENAS, MINAS GERAIS, BRAZIL, AIMING TO EVALUATE ITS USE IN THE CERAMIC INDUSTRY
- 10.00 – 10.20 CE3a.Wed.L4
*Alexandre Sevagen**
IMERYS: THE RIGHT CLAY FOR EVERY APPLICATION
- 10.20 – 10.40 CE3a.Wed.L5
Sam Leese, *Kevin Young**
OPTIMISED LOCAL SOLUTIONS FOR CERAMIC WHITE-WARES FORMULATIONS; THE ADVANCED CHARACTERISATION AND DESIGN OF CLAY BLENDS

COFFEE BREAK 10.40-11.00

Wednesday 17 June, 2009

Chairs: Fernanda Andreola & Tiziano Manfredini

- 11.00 – 11.30 CE3b.Wed.L1
Hugo R. Fernandes, *Paula M. Torres*, *José M.F. Ferreira**
EFFECTS OF PROCESSING ADDITIVES ON CURRENT PLASTIC FORMING TECHNIQUES OF TRADITIONAL CERAMIC PRODUCTS
- 11.30 – 11.50 CE3b.Wed.L2
*Marcello Romagnoli**
APPLICATION OF MIXTURE DESIGN ON THE EFFECT OF CLAY CONCENTRATION IN TILE CERAMIC BODY COMPOSITION
- 11.50 – 12.10 CE3b.Wed.L3
M. Romero, *J. Martín-Márquez*, *J. MA. Rincón**
EFFECT OF SINTERING ON THE PHASE FORMATION AND MICROSTRUCTURE OF KAOLINITE PORCELAIN STONEWARE TILES
- 12.10 – 12.30 CE3b.Wed.L4
*Muge Tuna**, *Ferhat Kara*, *Figen Aydin Egri*
THE RELATIONSHIP BETWEEN COMPOSITION-SINTERING BEHAVIOUR OF PORCELAIN STONEWARE TILE
- 12.30 – 12.50 CE3b.Wed.L5
*Wanna T. Saengchantara**, *Pranee Junlar*
CERAMIC COOKWARE

Poster Programme CE3

Posting: Monday 15 June, 20.30-22.30. **Removal:** Wednesday 17 June, 12.50-14.30.

Attendance Time: Tuesday 16 June, 18:30–20:00

Chairs: Fernanda Andreola & Tiziano Manfredini

- CE3.Tue.P1 *José Francisco Marciano Motta*, José Carlos Da Silva Portela, Carolina Del Roveri, Maria Margarita Torres, Moreno Antenor Zanardo*
BRAZILIAN PLASTIC CLAYS FOR PORCELAIN STONE AND OTHER TRADITIONAL WHITEWARE CERAMICS
- CE3.Tue.P2 *G. Sedmale*, G. Stinkulis, I. Sperberga, U. Sedmalis*
CHARACTERISTICS OF ILLITE CLAYS AND THEIR USE FOR HIGH-TEMPERATURE CERAMICS
- CE3.Tue.P3 *Meriam El Ouahabi*, Nathalie Fagel*
CHARACTERIZATION OF CLAY CRETACEOUS AND PLIOCENE OF THE TANGIER-TETOUAN (NORTH-WEST OF MOROCCO) AND MIOCENE CLAY IN THE REGION OF MEKNES (CENTER-NORTHERN MOROCCO) FOR THEIR INDUSTRIAL APPLICATION
- CE3.Tue.P4 *A. Njoya*, D. Bastin, U.C. Melo, C. Nkoumbou, N. Flagel, E. Pirard, F. Martin*
ENVIRONMENTAL ASPECTS OF CLAY EXPLOITATION FOR FIRED CLAY BRICKS IN CAMEROON
- CE3.Tue.P5 *A. Oliveira, Fernando Rocha**
IMPORTANCE OF THE TYPOLOGIC COLUMN FOR THE EXPLORATION AND EXPLOITATION OF CLAYEY RAW MATERIALS – A CASE STUDY FROM PORTUGAL
- CE3.Tue.P6 *Burcu Erdoğan Alver*, Meryem Sakizci, Ertuğrul Yörükoğullari*
INVESTIGATION OF KAOLINITES FROM TURKEY: A COMBINED XRD, XRF, TGA/DTA, DSC STUDY
- CE3.Tue.P7 *Ljubica Pavlović*, Anja Terzić*
INVESTIGATION OF TIME DEPENDENCE OF MOISTURE HOMOGENIZATION IN CLAY-WATER SYSTEM
- CE3.Tue.P8 *Vasić Miloš*, Radojević Zagorka, Janačković Đorđe, Rosić Aleksandra*
MECHANICAL ACTIVATION OF CLAYS AND ITS INFLUENCE ON PROCESS OF DRYING AND FINAL PROPERTIES OF MASONRY UNITS
- CE3.Tue.P9 *Abd Elhamid Shater*, Sayed Sadik, Yasser Refaey, Abd Elaziz Haddad, Albert Gilg*
MINERALOGICAL AND GEOTECHNICAL STUDIES ON THE WEATHERED ZONES OF THE BASEMENT ROCKS OF ASWAN AREA, EGYPT
- CE3.Tue.P10 *Bektaş Uz, Gürkan Bacak*, Senel Ozdamar*
MINERALOGICAL, PHYSICAL PROPERTIES AND UTILIZATION OF DOMALI AREA (SILE -NW TURKEY) UNDERCLAYS
- CE3.Tue.P11 *Anwarul Haq*, Yaseen Iqbal, Muhammad Riaz Khan*
PHASE AND MICROSTRUCTURAL EVOLUTION OF SWAT AND IMPORTED CHINA CLAY
- CE3.Tue.P12 *Oladele Osibanjo, Gilbert Adie*, Sunday Ajayi, Idowu Iweibo, Domingo Okorie, Toyin Okorie*
RECYCLING OF HIGH LEAD CONTENT SLAG FROM AN AUTOMOBILE BATTERY MANUFACTURING PLANT INTO BRICKS AND CERAMIC TILES IN NIGERIA
- CE3.Tue.P13 *Michele Dondi*, Guia Guarini, Mariarosa Raimondo, Chiara Zanelli, Antonio Agostini*
RECYCLING OF TIONITE® (INSOLUBLE RESIDUE FROM TITANIA SLAG DISSOLUTION) IN CLAY BRICKS
- CE3.Tue.P14 *Habib Allah Torshizian*, Hossein Abbassnia, Mohsen Allameh, Ehsan Sharifi*
STUDING OF INDUSTRIAL SOIL PROPERTIES IN NORTHEAST OF IRAN IN ORDER TO USING IN CERAMIC INDUSTRIALS
- CE3.Tue.P15 *Sergi Meseguer*, Manuel M. Jordán, Teófilo Sanfeliu, Carlos De La Fuente*
TECHNOLOGICAL APPLICATION OF CLAYS USED IN CASTELLON CERAMIC CLUSTER (NE, SPAIN)
- CE3.Tue.P16 *Maria Luigia Giannossi*, Vito Summa*
THE BASILICATA CLAY DEPOSITS (SOUTHERN ITALY) AS CERAMIC RAW MATERIALS
- CE3.Tue.P17 *Gursel Yanik*, Fahri Esenli, Veli Uz, Vildan Esenli, Bektaş Uz*
THE CERAMIC PROPERTIES OF KAOLINIZED TUFFACEOUS ROCKS IN THE KESAN REGION, THRACE, NW TURKEY
- CE3.Tue.P18 *Adelia Albertazzi**
THE EVALUATION OF UNCERTAINTY IN CHEMICAL ANALYSIS
- CE3.Tue.P19 *Fatima Zibouche*, Hacène Kerdjoudj*
THERMAL BEHAVIOUR OF KAOLIN FROM TAMAZERT (ALGERIA) DEPOSIT
- CE3.Tue.P20 *Hakan Kiran*, Ferhat Kara*
USAGE OF IRON OXIDE BEARING CLAYS IN PORCELAIN TILE BODIES

CE3.Tue.P21

Sansanee Boonsalee, Tarnkamol Tarvornpanich, Lada Punsukumtana*

USE OF GRANITE SLUDGE AND SEWER CLAY SLUDGE IN LATERATIC SOIL IN THE PRODUCTION OF CERAMIC TILES

CE3.Tue.P22

Fernanda Andreola, Cristina Siligardi, Tiziano Manfredini, Claudia Carbonchi*

VALORIZATION OF ITALIAN CLAY ADDED BENTONITES FOR TRADITIONAL CERAMIC TILES