

Oral Programme NM3

Mesoporous Silica as Molecular Sieves

Convener: Venkatathri Narayanan & Jana Madejová

Thursday 18 June, 2009

Chair: Jana Madejová

- 08.50 – 09.20 NM3.Thu.L1
*C.X. (Cynthia) Lin, Z. Li, L. Zhang, C.Z. Yu, C.H. Zhou, G. Q. (Max) Lu**
FABRICATION AND CHARACTERISTICS OF SMART MAGNETIC NANOCOMPOSITES: ENCAPSULATED FERRITE OXIDE IN HOLLOW PERIODIC MESOPOROUS ORGANOSILICA
- 09.20 – 09.40 NM3.Thu.L2
Jana Madejová, Helena Pálková, Malgorzata Zimowska, Ewa M. Serwicka*
LAPONITE-DERIVED POROUS CLAY HETEROSTRUCTURES: FTIR STUDY OF THE STRUCTURE EVOLUTION
- 09.40 – 10.00 NM3.Thu.L3
*Venkatathri Narayanan**
SYNTHESIS, CHARACTERIZATION AND ITS APPLICATIONS OF A NOVEL MESOPOROUS HOLLOW SILICA, NANOCUBOIDS
- 10.00 – 10.20 NM3.Thu.L4
Malgorzata Zimowska, Mirosława Bazarnik, Krzysztof Bahranowski, Elżbieta Bielańska, Ewa M. Serwicka, Zbigniew Olejniczak*
SYNTHESIS, PHYSICOCHEMICAL CHARACTERIZATION AND CATALYTIC PROPERTIES OF ALUMINATED MESOPOROUS SILICAS OF FSM-16 TYPE
- 10.20 – 10.40 NM3.Thu.L5
*Ruiqin Zhang**
SILICON QUANTUM DOTS FUNCTIONALIZED WITH BIOMOLECULES IN EXCITED STATES

Poster Programme NM3

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

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

Chair: Jana Madejová

NM3.Thu.P1

*Helena Pálková**, *Jana Madejová*, *Małgorzata Zimowska*, *Elżbieta Bielańska*, *Zbigniew Olejnicza*, *Lidia Lityńska-Dobrzyńska Ewa*, *M. Serwicka*

LAPONITE-DERIVED POROUS CLAY HETEROSTRUCTURES: SYNTHESIS AND PHYSICOCHEMICAL CHARACTERIZATION

NM3.Thu.P2

*Sabrina M. Yahaya**, *Faustina Elfrida Anak Sangkok*, *Nurul Izza Taib*

PREPARATION AND CHARACTERIZATION OF SOLID POLYMER ELECTROLYTE COMPOSITE

NM3.Thu.P3

*Nurul Izza Taib**, *Salasiah Endud*, *Md Nasir Katun*

SYNTHESIS OF POLY(VINYL ACETATE)-SILYLATED MESOPOROUS SI-MCM-41 NANOCOMPOSITE AND ITS CHARACTERIZATION