

PL1 **L.B. McCusker** and C. Baerlocher

ZEOLITE STRUCTURE ANALYSIS - WHERE ARE THE LIMITS?

O1 **A.B. Pinar**, L. Gómez-Hortigüela, J. Pérez-Pariente

SYNTHESIS AND CATALYTIC ACTIVITY OF A VERY OPEN FRAMEWORK
ALUMINOPHOSPHATE

Break + Poster Session I (Posters P1-P13)

Chair: R.M. Martín-Aranda

O2 **C. Covelli**, A. Aloise, A. Macario, V. Terranova, G. Giordano

INFLUENCE OF SYNTHESIS PARAMETERS ON THE TS-1 CHARACTERISTICS

O3 **D.P. Serrano**, R.A. García, M. Linares, B. Gil

INFLUENCE OF THE CALCINATION TREATMENT ON THE CATALYTIC
PROPERTIES OF HIERARCHICAL ZSM-5

O4 **M. Piumetti**, B. Bonelli, M. Armandi, P. Massiani, S. Dzwigaj, I. Rossetti,
Y. Millot, E. Garrone

HIGHLY DISPERSED V-SBA15 AND V-MCF MATERIALS FOR OXIDATION
REACTIONS

- O5 **M. Rubeš**, L. Grajciar, O. Bludský, P. Nachtigall
THEORETICAL CHARACTERIZATION OF CO ADSORPTION IN CuBTC MOF
- O6 **P.C. Andrikopoulos**, S. Sklenák, Z. Sobalík, J. Nováková, B. Bernauer
FRAMEWORK OXYGEN MOBILITY: WHAT CAN WE LEARN ABOUT THE
CATIONIC SITE REACTIVITY
- O7 **L. Grajciar**, A. Wiersum, P. Llewellyn, P. Nachtigall
CARBON DIOXIDE ADSORPTION BEHAVIOUR IN CuBTC MOF
- Break + Poster Session I (Posters P1-P13)**
Departure to Houska Castle
Barbecue
-

ne 17

- Chair: J. Pérez-Pariente*
- PL2 **G. Giordano**
CATALYTIC CONVERSION OF BIOMASS INTERMEDIATE USING MICRO AND
MESOPOROUS CATALYSTS
- O8 **J. Horáček**, F. Homola, David Kubička
LIGNIN TO LIQUIDS OVER SULFIDED CATALYSTS
- Break + Poster Session II (Posters P14-P26)**
Chair: S. Perathoner
- O9 **M. Bláha** and J. Vohlídal
SYNTHESIS OF POLYANILINES WITH IRON(III)CHLORIDE-HYDROGEN
PEROXIDE CATALYST SYSTEM: REACTION COURSE STUDY AND EFFECT
OF ANILINE SUBSTITUTION
- O10 V. Varga, M. Horáček, K. Mach, J. Merna, I. Čiśařová, J. Sýkora, **J. Pinkas**
ZIRCONOCENE SILOXO COMPLEXES AND THEIR HETEROGENEOUS
SILICEOUS ANALOGUES AS CATALYST FOR PHENYLSILANE
DEHYDROPOLYMERIZATION

- O11 *K. Mach, M. Horáček, **R. Gyepes***
TITANOCENE AND ITS PRODUCT OF INTRAMOLECULAR STABILIZATION
Lunch
Chair: D. Serrano
- O12 *R. García, **L. Gómez-Hortigüela**, J. Pérez-Pariente*
COOPERATIVE STRUCTURE DIRECTING EFFECT OF
TETRAMETHYLAMMONIUM AND 1S,2S-2-HYDROXYMETHYL-1-BENZYL-1-
METHYLPYRROLIDINIUM IN THE SYNTHESIS OF MCM-22
- O13 ***E. Tabor**, K. Závěta, J. Nováková, J. Dědeček, N.K. Sathu, P. Szama,
P. Šťastný, B. Wichterlová, Z. Sobalík*
INFLUENCE OF Al DISTRIBUTION ON CATALYTIC ACTIVITY OF Fe-FER IN
N₂O DECOMPOSITION
- O14 ***S. Abate**, M. Freni, G. Centi, S. Perathoner*
ROLE OF CO₂ EXPANDED METHANOL ON THE PERFORMANCES AND
STABILITY OF Pd SUPPORTED ON SBA-15 IN THE DIRECT SYNTHESIS OF
H₂O₂
Break + Poster Session II (Posters P14-P26)
Chair: P. Nachtigall
- KL ***W. J. Roth***
ADDING A NEW DIMENSION TO THE CONCEPT OF ZEOLITES STRUCTURES
AND CLASSIFICATION – INTEGRATION OF 3D FRAMEWORKS AND 2D
LAYERED FORMS
- O15 ***P. Chlubná**, M. Kubů, W.J. Roth, O.V. Shvets, M. Shamzhy, J. Čejka*
POST-SYNTHESIS TRANSFORMATION OF B-UTL ZEOLITE INTO A LAMELLAR
FORM WITH MODIFIABLE STRUCTURE
- O16 ***A. Alfayate**, M. Sánchez-Sánchez, J. Pérez-Pariente*
AN EFFICIENT METHOD TO PREPARE TAPO-5
- O17 ***R. García**, V. Martínez-Martínez, C. Corcóstegui, I. López- Arbeloa,
J. Pérez-Pariente*
ENCAPSULATION OF PYRONINE Y WITHIN MgAPO MATERIALS

O18 **S. Cocchi**, *F. Cavani, G. Ghinassi*

THE REACTIVITY OF SPINEL FERRITES IN THE TWO-STEP METHANOL REFORMING

Farewell Party

June 18

Chair: D. Kubička

P3 **A. Martínez**

CAN MOLECULAR SIEVES HELP IN IMPROVING THE EFFICIENCY OF PROCESSES FOR SECOND GENERATION BIOFUELS?

O19 **D.M. Temi**, *P. Lanzafame, S. Perathoner, G. Centi, A. Macario, A. Aloise, G. Giordano*

USE OF MICROPOROUS AND MESOPOROUS MATERIALS IN BIOMASS TRANSFORMATION TO HIGH VALUE CHEMICALS

O20 *R. Bulánek, **K. Raabová**, E. Baďurová*

EFFECT OF THE PRETREATMENT OF Fe-SILICALITE ON ITS ACTIVITY IN THE AMMOXIDATION OF PROPANE

O21 **J. Ludvíková**, *K. Jiráťová, J. Klempa*

TITANIA SUPPORTED Co-Mn-Al CATALYSTS IN TOTAL OXIDATION OF ETHANOL

Closing Address

Lunch

Departure to Prague Airport

Posters

- P1 **A. García-Trencó**, A. Vidal-Moya, Agustín Martínez
STUDY OF THE INTERACTIONS BETWEEN COMPONENTS IN CZA/ZSM-5 CATALYSTS AND THEIR IMPACT IN THE SYNGAS-TO-DME REACTION
- P2 L. Kurfířtová J.-S. Chang, Y.K. Hwang, J. Čejka
METAL-ORGANIC-FRAMEWORKS AS CATALYSTS FOR ACYLATION OF *p*-XYLENE
- P3 Z. Sobalík, **J. Dědeček**, P. Sazama, V. Gábová, B. Wichterlová
ALUMINUM DISTRIBUTION IN THE FRAMEWORK OF ZEOLITES – KEY PARAMETER CONTROLLING PROPERTIES OF ZEOLITE CATALYSTS
- P4 T. Álvaro-Muñoz, C. Márquez-Alvarez, E. Sastre
INFLUENCE OF SILICON SOURCE ON THE PROPERTIES OF SAPO-34 CATALYSTS
- P5 **P. Sazama**, B. Wichterlová, J. Dědeček, Z. Tvarůžková, N.K. Sathu, V. Kreibich, Z. Sobalík
DESIGN OF STRUCTURE OF ZEOLITIC CATALYST ON A MOLECULAR LEVEL AS A KEY TO HIGHLY EFFECTIVE INDUSTRIAL PROCESSES
- P6 **D. Kaucký**, B. Wichterlová, J. Dědeček, Z. Sobalík
NANO-ZrO₂ AS A SUPPORT FOR Pt /WO₃-ZrO₂ CATALYSTS FOR *n*-HEPTANE ISOMERIZATION
- P7 S.R. Whittleton, S. Sklenak, C. Fernandez
INVESTIGATING THE IMPACT OF NEIGHBOUR SUBSTITUTION IN POLYMORPH C OF BETA ZEOLITE
- P8 **P. Kutálek**, L. Smoláková, L. Čapek, F. Kovanda, I. Kubičková, R. Bulánek, P. Čičmanec
HYDROTALCITES AS PRECURSORS OF CATALYTIC MATERIALS
- P9 **A.B. Pinar**, N.D. Hould, R.F. Lobo
A NEW ROUTE FOR THE SYNTHESIS OF Sn-BETA NANOCRYSTALS IN THE ABSENCE OF FLUORIDE
- P10 **T. Shinde**, N. Žilkova, H. Balcar
HOVEYDA-GRUBBS TYPE METATHESIS CATALYST IMMOBILIZED ON MESOPOROUS MOLECULAR SIEVES – THE INFLUENCE OF PORE SIZE ON CATALYST ACTIVITY

- P11 M.A. Rodríguez-García, J. López-Sanz, V. Calvino-Casilda, E. Pérez-Mayoral, A.López-Peinado, R.M. Martín-Aranda
A GREEN ROUTE TO CINNAMIC ACIDS BY ULTRASOUND ASSISTED DOEBNER REACTION
- P12 D. Blasco-Jiménez, I. Sobczak, M. Ziolk, E. Perez-Mayoral, A.J. López-Peinado, R.M. Martín-Aranda
CATALYTIC SAFROL ISOMERIZATION MEDIATED BY AMINO-GRAFTED MCM-41 MATERIALS AS BASIC CATALYSTS
- P13 E. Viola, **A. Blasi**, V. Valerio, I. Guidí, F. Zimbardi, G. Braccio, G. Giordano
BIODIESEL FROM FRIED VEGETABLE OILS VIA TRANSESTERIFICATION BY HETEROGENEOUS CATALYSIS
- P14 D. Procházková, L. Kurfiřtová, J. Pavlatová
MOFS AS CATALYSTS IN *p*-XYLENE ACYLATION
- P15 **A. de Folly d'Auris**, R. Bagatin
TITANO-SILICATE MATERIALS FOR HEAVY METAL REMOVAL FROM WASTEWATER
- P16 **G. Befi**, F. Cavani, S. Guidetti, C. Trevisanut, M.D. Soriano, P. Concepción, J.M. López Nieto
TUNGSTEN-VANADIUM MIXED OXIDES FOR THE OXIDEHYDRATION OF GLYCEROL INTO ACRYLIC ACID
- P17 J. Svoboda, P. Štenclová, T. Vitvarová, I. Šloufová, **J. Vohlídal**
SYNTHESIS AND PHOTOPHYSICAL PROPERTIES OF α,ω -BIS(TERPYRIDINE) OLIGOTHIOPHENES AND RELATED METALLO-SUPRAMOLECULAR DYNAMERS
- P18 J. Mayerová, A. Kaluřová, M. Setnička, A. Zukal, P. Čičmanec, R. Bulánek
STUDY OF VANADIUM BASED MESOPOROUS SILICAS FOR OXIDATIVE DEHYDROGENATION OF PROPANE AND N-BUTANE
- P19 A. Giugni, O. Piccolo, A. Vaccari
APPLICATIONS OF ZEOLITE CATALYSTS IN THE SYNTHESIS OF FRAGRANCES
- P20 **M. Lamač**, R. Gyepes, I. Císařová, J. Kubiřta, J. Pinkas, M. Horáček
SYNTHETIC APPROACHES TO GROUP 4 METALLOCENE COMPLEXES WITH PENDANT FUNCTIONAL GROUPS
- P21 **D. Vuono**, T. Veneziano, A. Csato, G. Giordano, J. B.Nagy
HELICAL NANOTUBES: A NEW POTENTIAL APPLICATION IN NANOCOMPOSITES

- P22 H. Balcar, T. Shinde, J. Sedláček
RING OPENING METATHESIS POLYMERIZATION OF VINYL NORBORNENE AND
FOLLOWING POLYMER MODIFICATIONS
- P23 A. Carrero, R. van Grieken, **B. Paredes**
HYBRID ZEOLITIC-MESOSTRUCTURED MATERIALS AS SUPPORTS OF METALLOCENE
POLYMERIZATION CATALYSTS
- P24 **A. Aloise**, P. Frontera, A. Macario, C. Covelli, V. Terranova, P.L. Antonucci, G. Giordano
DIFFERENT BEHAVIOUR ON COKE DEPOSITION SILICALITE-1 SUPPORT NI CATALYST FOR
METHANE REFORMING WITH CARBON DIOXIDE
- P25 **M. Horáček**, K. Mach
INSERTION REACTION INTO THE Ti-C BOND IN HIGHLY-SUBSTITUTED SINGLE TUCKED-IN
TITANOCENES
- P26 G. Braccio, A. Molino, F. Nanna, **M. Migliori**, G. Giordano
DEVELOPMENT OF SUPERCRITICAL WATER GASIFICATION PROCESS