

# Poster Session

## Tuesday

PT1	Baojun	Zhang	Prepared 1-Octene by Ethylene Tetramerization with Cr(III) sources
PT2	Tobias	Mueller	Solvent Free Aldol Reaction
PT3	James	Suttill	Preparation And Catalysis With A Series Of Mono-Ligated Phenoxy-Imine Complexes
PT4	Thomas Hyldekær	Madsen	Dioxygen Activating Transition Metal Complexes Applied In Catalysis
PT5	Zita	Csendes	Bioinspired Electron Transfer Catalysts: Ni-Superoxide Dismutase Mimicking Ni(II)-Amino Acid Complexes Immobilised On Solid Supports - Synthesis, Structure And Catalytic Activity
PT6	Monika	Sipiczki	Preparation, Characterisation And Some Reactions Of Organocatalysts Immobilised Between The Layers Of A Layered Double Hydroxide
PT7	Agnes	Mastalir	Catalytic Applications Of PdCl <sub>2</sub> (TDA) <sub>2</sub> Immobilized On Hydrophobic Graphite Oxide
PT8	Florentina	Neatu	Preparation And Catalytic Behavior Of Hydrotalcite Docked Rh-Tppts Complexes In Arylation Of 2-Cyclohexen-1-One In Neat Water
PT9	Carolina	del Pozo	Mesoporous Silica Supported Chiral (NHC)Nn-Pincer Ruthenium As Catalysts For Cyclopropanation Of Styrenes
PT10	Juan M.	Bolivar	Inorganic-Organic Hybrid Supported Biocatalyst: Selective, Reversible And Oriented Immobilization Of Tagged Enzymes On Inorganic Surfaces
PT11	Xian-Yang	Quek	Ionic Liquid Stabilized Rh Nanoparticles For Citral Cyclodehydration
PT12	Jae-Hyung	Choi	Kinetic Study On The Esterification Of Oleic Acid Using Acidic Ionic Liquid Catalysts Immobilized On Silica Gel
PT13	Yong-Beom	Park,	Catalytical Conversion Of Glucose Into 5-Hmf From Glucose By Additives In Ionic Liquid Containing Metal Chloride
PT14	Lina-Maria	Gonzalez,	Synthesis Of Verbenone Over FePcCl <sub>16</sub> -SiO <sub>2</sub>
PT15	Regina	Islamova,	Metal Complexes Of Porphyrins As Catalysts Of Radical Polymerization Of Vinyl Monomers
PT16	Wai Yip	Fan,	Catalytic Hydrogen Generation From The Hydrolysis Of Silanes By Ruthenium Complexes
PT17	Päivi	Mäki-Arvela,	Kinetics, Modeling And Mechanism Of The One-Pot Synthesis Of R-1-Phenylethyl Acetate Over Chemo-Bio Catalysts
PT18	Ties	Korstanje,	Catalytic Dehydration Of Alcohols To Olefins By Rhenium Complexes
PT19	Patrícia	Neves,	Molybdenum(VI) Complexes With A Tris(3,5-Dimethyl-1-Pyrazolyl)Methane Ligand: Synthesis, Catalytic Properties And Water Tolerance
PT20	Yeung	Park,	Solvent Effects In DKR Of 1-Phenylethanol With Homogeneous/Immobilized Ru-P-Cymene And Enzyme
PT21	Mikhail	Gantman,	The Role Of Donor Ligands In The Catalytic Oxidative Coupling Of Thiols
PT22	Marina	Shilina,	Metallocomplex Mechanism Of The Metathesis And Isomerization Of Alkanes By Promoted Aluminum Chloride
PT23	Leonid	Schwartsburd,	Synthesis And Reactivity Of An Acetonyl PNP Iridium(I) Complex. An Experimental And Computational Study Of Metal-Ligand Cooperation In H-H And C-H Bond Activation Via Reversible Ligand Dearomatization.

PT24	Weiguo	Song,	Solid-Liquid Interfacial Hydrogen Bond Catalysis Using Nanostructured Metal Oxide Catalysts
PT25	Christoph	Kubis,	Kinetic Studies On Bi- And Monodentate Phosphite-Modified Hydroformylation By In Situ HP-FTIR Spectroscopy
PT26	Subhamoy	Bhattacharya,	Eco-Friendly Chemo-Enzymatic Epoxidation Of Alkenes: Concept To Kinetics
PT27	Edwin	Alarcón,	Kinetic Model Of HCHO Polymerization In Nopol Synthesis
PT28	Zdeněk	Vit	Mesoporous Silica-Alumina Modified By Acid Extraction As Support Of Pd And Pd-Pt Catalysts In HDS Of Model Compounds
PT29	Khalida	Al-Dalama	Relation Between Alumina Raw Materials And The Properties Of Extrudates Used As Support For Hydroprocessing Catalysts
PT30	Andrei	Khodakov	Supported Cobalt-Copper Bimetallic Catalysts And Their Catalytic Performance In The Synthesis Of Alcohols And Hydrocarbons
PT31	Maria	Ulla	Ni/Al <sub>2</sub> O <sub>3</sub> Powder And Structured Catalysts Applied To The Oxidative Dehydrogenation Of Ethane
PT32	Ashley	Shepherd	Design Of Improved Catalysts For The Conversion Of Methane To Benzene And Hydrogen
PT33	Sulaiman	Al-Khattaf	Mg-Fe-Co-Al Mixed Oxide Catalysts Derived From Hydrotalcites For The Steamless Dehydrogenation Of Ethylbenzene
PT34	Katsuomi	Takehira	Reaction Mechanism Of Ethylbenzene Dehydrogenation Over Mg-Fe-Co-Al Mixed Oxide Catalysts Derived From Hydrotalcites
PT35	Andrea	Álvarez Moreno	Effect Of The Cobalt Spinel Morphology In The Total Co Oxidation
PT36	Hyun-Seog	Roh	Synthesis Of Highly Active Nano-Sized (1wt.% Pt/CeO <sub>2</sub> ) Catalyst For Water Gas Shift Reaction (WGS) In Medium Temperature Application
PT37	Tatyana	Minyukova	High Temperature WGS Catalyst Based On The Nanodispersed Metastable Fe Oxyhydroxide, 2-Line Ferrihydrite
PT38	Wenjie	Shen	Hydrogen Production From Ethanol Steam Reforming Over An Iridium Catalyst With The Enhanced Stability
PT39	Alicia	Ulla	Monolithic Catalysts For Co Preferential Oxidation
PT40	Stephane	Loridant	Hydrotreatment Catalyst Preparation: Rationalization Of Impregnation With [H <sub>4</sub> Co <sub>2</sub> Mo <sub>10</sub> O <sub>38</sub> ] <sup>6-</sup> Solutions By Quantitative Raman And UV-Vis Measurements
PT41	Martin	Hoj	Flame Made V/Al <sub>2</sub> O <sub>3</sub> Propane Oxidative Dehydrogenation Catalyst
PT42	Nicolas	Bespalko	Comparative Study Of NiLaZr And CoLaZr Catalysts For Hydrogen Production By Ethanol Steam Reforming
PT43	Vladimir	Zelikman	The Catalysts Of Carbon Tetrachloride Hydrodechlorination By Organic Donors - Alkanes And Chloroalkanes.
PT44	Alessandro	Gallo	Effect Of Temperature And Feed Concentration On Glycerol Steam Reforming Over A Ru/Mg-Al Mixed Oxides Catalyst
PT45	Soraia	Brandao	Synthesis And Characterization Of Catalyst LaNi <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> For Dry Reforming Of Methane
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PT47	Raul	Espinal	Catalytic Honeycombs Loaded With Co-Mg-Al Hydrotalcites For Hydrogen Production Through Ethanol Steam Reforming
PT48	Ksenia	Leonova	Hydrotreating Catalysts, Prepared With The Use Of Bimetallic Co-Mo Complex Compounds
PT49	Yohei	Jinno	Steam Reforming Of Biomass Tar On Ni/Perovskite Catalysts
PT50	Chen	Xiaowei	Ru Supported On Ceria Terbia Mixed Oxide Based Catalysts With Combined WGS Activity And Total Co Elimination
PT51	Robert	Andersson	Effect Of Temperature And Space Velocity In Ethanol And Higher Alcohol Synthesis From Syngas Over Molybdenum-Based Catalysts

PT52	Carmen	Jimenez-Borja	Influence Of The Preparation Technique And The Ceria Effect For The Electrochemically Promoted Methane Oxidation With Pd Catalysts
PT53	Natalia	Mezentseva	Nanocomposite Catalysts Of CH <sub>4</sub> Dry Reforming: Ru - (Pt) - Ni Alloys On Fluorite-Like Mixed Oxides
PT54	Patricia	Benito	Pt Supported On Na, K Or Mg-Doped Alumina, As Catalyst For H <sub>2</sub> Production. Role Of The Support And Pt Content.
PT55	Stefan	Zander	Preparation And Characterization Of Cu/ZnO/Ga <sub>2</sub> O <sub>3</sub> Catalysts
PT56	Dariusz	Moszynski	Manganese And Potassium-Modified Cobalt Molybdenum Nitride As A Catalyst For Ammonia Synthesis
PT57	Larisa	Arkatova	CO <sub>2</sub> Reforming Of Methane Over Intermetallides
PT58	Sabrina	Sanches	Cu-ZnO Catalysts Prepared By Homogeneous Precipitation For The Methanol Steam Reforming
PT59	Victor	Ferreira	Effect Of Ca And Mg Doping Of CeO <sub>2</sub> Based Catalysts For The Oxidative Coupling Of Methane
PT60	Tao	Zhang	Supported Nickel Particles Derived From Hydrotalcite-Like Compounds As Efficient Catalysts For H <sub>2</sub> Generation From Hydrous Hydrazine Decomposition
PT61	Maria	do Carmo Rangel	The Role Of Ruthenium In Nickel Catalysts For Methane Reforming
PT62	Fagen	Wang	Hydrogen Production From Ethanol Steam Reforming Over Iridium/Ceria Catalyst: Enhanced Stability After Praseodymium Promotion
PT63	Ludek	Kaluza	Hydrodesulfurization Activity Of Alumina Supported Anderson Heteropolymolybdates Doped With Co, Ni And B
PT64	Stefanie	Kuhl	The Effect Of Promoters On The Active Copper Phase In Methanol Chemistry Studied Using Cu,Zn,Al-Hydrotalcite-Like Compounds As Model Systems
PT65	Maria	do Carmo Rangel	Influence Of The Oxidation Step On The Surface Properties Of Ge-Pt-Re/Al <sub>2</sub> O <sub>3</sub> Catalysts For Naphtha Reforming
PT66	Jorge	Bedia	Effect Of The Preparation Conditions On The Activity And Stability Of Pt/C Catalysts For The Gas Phase Hydrodechlorination Of Dichloromethane
PT67	Irek	Sharafutdinov	Ni-Ga Binary Alloy As A Novel Methanol Synthesis Catalyst
PT68	Hilma	Santos	Preparation Of Lanthanum, Iron And Cobalt-Based Perovskites For Water Gas Shift Reaction
PT69	Esteban	Aguilar	Ce Influence On Ni/C Catalysts For Methane CO <sub>2</sub> Reforming
PT70	Yuliya	Gulyaeva	Pt-Cs Fiber Glass Catalyst For Isobutene Dimerization
PT71	Silvia	González Carrazán	Rhodium Supported On CaO-SiO <sub>2</sub> , A Stable Catalyst For Hydrogen Production
PT72	Ilja Gasan	Osojnik Črnivec	Influence Of Synthesis Parameters On Morphology And Activity Of Bimetallic Co-Ni Catalysts In CO <sub>2</sub> Reforming Of CH <sub>4</sub>
PT73	Larisa	Arkatova	Syngas Production Via Dry Reforming Of Methane Over Intermetallide Catalysts Prepared By SHS
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PT75	Guillermina	Ríos-Caloch	Effect Of Chitosan In Nickel-Molybdenum Catalysts Prepared With Phosphorus In The Dibenzothiophene Hydrodesulfurization
PT76	Ahmad	Galadima	Development Of New Catalysts For N-Alkane Hydroisomerisation
PT77	Orlando	Gonzalez,	Preparation Of Structured Catalysts Based On $\alpha$ -Al <sub>2</sub> O <sub>3</sub> Foams Coated With Ni Catalysts For The Thermo Catalytic Decomposition Of CH <sub>4</sub>
PT78	Andrew	Rollinson	Characterisation Of Nickel Catalyst Used In Urea Steam Reforming
PT79	Andras	Tompos	Role Of Modifiers In Multicomponent Ni/MgAl <sub>2</sub> O <sub>4</sub> Based Catalysts Designed For Steam Reforming Of Ethanol

PT80	Said	Tezkratt	Synthesis And Characterisation Of Substituted Hexaaluminates Catalysts For Methane Reforming Application
PT81	Cristian	Ledesma Rodriguez	Active Species In Dimethyl Ether Steam Reforming Over CuZn/ZrO <sub>2</sub> And CuPd/ZrO <sub>2</sub> : An In-Situ XPS And FTIR Study
PT82	Bhari	Nagaraja	Development Of Highly Stable And Active Ni/MgO-ZrO <sub>2</sub> Catalysts For Dry Reforming Of Methane To Synthesis Gas
PT83	Michela	Signoretto	Nickel Catalysts For Hydrogen Production Through Glycerol Steam Reforming: Effect Of The Support
PT84	Sonia	Damyanova	Dry Methane Reforming Over Alumina-Supported Pt Catalysts Modified With Pr
PT85	Stanislava	Andonova	Oxidative Steam Reforming Of Ethanol Over Bimetallic CoNi/Al <sub>2</sub> O <sub>3</sub> Catalysts
PT86	Wieslaw	Próchniak	The Influence Of Modification With Zirconium On The Properties Of Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalysts And Efficiency In Decomposition And Steam Reforming Reactions Of Methanol
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PT89	Vanessa	Mortola	Characterization Of Pt/CeO <sub>2</sub> -La <sub>2</sub> O <sub>3</sub> -Al <sub>2</sub> O <sub>3</sub> Catalysts For Steam Reforming And Partial Oxidation Of Methane
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PT91	Elizabeth	Norris	Influence Of Calcination Temperature On The Morphology Of Alumina Supported Nickel Catalysts For Methane Steam Reforming
PT92	Elena	Taboada	Absence Of Metallic Cobalt Under Ethanol Steam Reforming Over Cobalt Hydroxalates
PT93	Maria do Carmo	Rangel	Evaluation Of Nickel Catalysts Supported On Gadolinium-Doped Ceria For It-Sofc In Methane Steam Reforming
PT94	Jesus Manuel	Garcia-Vargas	Precursor Influence And Catalytic Behaviour Of Ni/Sic Catalysts For The Tri-Reforming Process
PT95	Wojciech	Gac	Synthesis And Characterisation Of Copper-Manganese Catalysts For Steam Reforming Of Methanol
PT96	Andreas	Haghofer	Pd/Ga <sub>2</sub> O <sub>3</sub> Methanol Steam Reforming Catalysts: An In Situ X-Ray Absorption Study
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PT99	Thaisa	Maia	Effects Of Preparation Methods On Structure And Performance Of Ni/Ce <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> Catalysts For Glycerol Steam Reforming
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PT101	Robbie	Warringham	Methane Reforming Over Supported Ni Catalysts: Can Hydrogenation Of Carbonaceous Overlayers Be Used To Help Speciate The Nature Of The Overlayer?
PT102	Camila	Fernandez	Activity Increase Of Rh/Zr(Or Ce)-Al <sub>2</sub> O <sub>3</sub> Catalysts By Modulation Of The Rh-Oxidation State In Dry Reforming Of CH <sub>4</sub>
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PT105	Eyup	Simsek	Study Of Syngas Production By Methane Steam Reforming In Packed Microreactors And Microchannel Reactors
PT106	Andrzej	Machocki,	Copper-Promoted Cobalt/Support Catalysts For The Steam Reforming

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PT107	Elisabetta	Finocchio	Hydrogen Production By Catalytic Steam Reforming Of Oxygenate Compounds
PT108	Karla	Herrera Delgado,	Modeling The Steam And Dry Reforming Of Methane Over Nickel
PT109	S David	Jackson,	Steam Reforming Of Ethanol Over Pt, Ru And Rh Catalysts
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PT111	Christoph	Sprung	Fundamental Investigation Of Methane Steam Reforming To Synthesis Gas Over A Ni/NiAl <sub>2</sub> O <sub>4</sub> Catalyst
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PT113	Andrzej	Machocki,	In Situ Drift-Mass Spectrometry Studies Of The Ethanol Steam Reforming Reaction Over Potassium Promoted Co-Based Catalysts
PT114	Andrzej	Machocki,	Effect Of Potassium Promoter On The Performance Of Cobalt Catalysts On Steam Reforming Of Ethanol
PT115	So-Yun	Lee	Catalytic Activity Of Alumina-Titanate Supported Nickel Catalyst For Methane Steam Reforming
PT116	Valer	Almasan,	Modified Nickel Catalysts For Ethanol Steam Reforming
PT117	Andrzej	Machocki,	Zinc Oxide Supported Cobalt Catalysts For The Steam Reforming Of Ethanol: Effect Of Preparation Method And Potassium Loading
PT118	Lea	Burger,	Development Of A Unified Surface Reaction Mechanism Of Oxidation And Reforming Reactions Of Light Hydrocarbons Over Platinum
PT119	Canan	Karakaya,	Oxidation And Reforming Of Light Hydrocarbons Over Rh/Al <sub>2</sub> O <sub>3</sub> Catalysts: A Fundamental Study Using A Stagnation-Flow Reactor
PT120	Kata	Markó,	Ethanol Reforming Over CuCeO <sub>2</sub> Catalysts
PT121	A	Guerrero-Ruiz	Low Temperature Dry Reforming Of CH <sub>4</sub> In The Presence Of Small Amounts Of H <sub>2</sub> O On Ni/SiO <sub>2</sub> -La <sub>2</sub> O <sub>3</sub> In A Membrane Reactor
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PT123	Jaime	Gallego	Activation Mechanisms Of CO <sub>2</sub> Over Catalysts Produced By The Reduction Of Perovskite Oxides La <sub>1-x</sub> CaxNiO <sub>3</sub> / Carbon Dioxide Reforming Of Methane
PT124	Thibault	Cantat,	Chemical Recycling Of CO <sub>2</sub> : From Stoichiometric To Catalytic Reactions
PT125	Jaime	Soler Herrero	Use Of A Two-Zones Fluidized Reactor To Counteract Coke Formation In The Ethanol Steam Reforming Over Ni Catalyst
PT126	Mihaela	Lazar,	Carbon Deposition On Modified Nickel Catalysts In Methane Steam Reforming Reaction
PT127	Espen	Wangen	The Effect Of Tar And Alkali Components On The Reforming Of Syngas From Biomass Gasification
PT128	Anastasios	Kambolis,	Ni-MzOx/MgO Catalysts For Biogas Reforming To Produce Syngas. Influence Of Calcination Temperature On Catalytic Behaviour.
PT129	Veronica	Rico-Perez	Rh/Ce <sub>0.9</sub> Pr <sub>0.1</sub> O <sub>2</sub> /Monolith Preparation, Characterization And Catalytic Performance For N <sub>2</sub> O Decomposition.
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PT131	Noelia	Barrabés	Ptcu Complexes Intercalated In Hydrotalcites Materials As Denitrification Catalysts
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PT144	Steffen	Kristensen	Potassium Resistant Nano-Sized Scr DeNO <sub>x</sub> Catalysts
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PT179	Luca	Lietti,	Reactivity And In Situ Ft-Ir Study Of Hybrid Lnt+Scr Systems
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PT181	Luca	lietti,	Labelled 15NO Experiments For The Study Of NO <sub>x</sub> Reduction Over Pt-Ba/Al <sub>2</sub> O <sub>3</sub> Lnt Catalyst
PT182	Marika	Männikkö,	Effect Of H <sub>2</sub> And C/N On Methanol-Scr Over Supported Ag Catalysts
PT183	Nadezhda A.	Sadokhina,	Fast-SCR Chemistry In H <sub>2</sub> -Assisted C <sub>6</sub> H <sub>14</sub> -Denox Over Ag/Al <sub>2</sub> O <sub>3</sub>
PT184	Nadezhda A.	Sadokhina,	Nitrates To Nitrites Transformation As A Key Step Of H <sub>2</sub> -Assisted N-C <sub>6</sub> H <sub>14</sub> -DeNO <sub>x</sub> Over Ag/Al <sub>2</sub> O <sub>3</sub>
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PT187	Alexandr	Stakheev,	Hydrothermal Aging Of Fe-Beta Catalyst For NH <sub>3</sub> -Denox: Evidence Of Deactivation By Fe <sup>3+</sup> Ions Migration
PT188	Mariana	Khristova,	Catalytic Behaviour Of Alumina Supported Manganese-Cerium Oxides In NO With CO Reaction
PT189	Masaaki	Haneda,	Mechanistic Study Of Hydrocarbon Oxidation Over Pt/Al <sub>2</sub> O <sub>3</sub> As Diesel Oxidation Catalyst
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