

Poster Session

Monday

PM1	Mahluli	Moyo	Cobalt Supported Carbon Sphere Catalysts For Fischer-Tropsch Synthesis
PM2	Amalia Luz	Costa Pereira	Comparison Among Silica And Aluminosilicates-Supported Cobalt Catalysts For Fischer-Tropsch Synthesis
PM3	Irina	Simentsova	Co-Containing Catalysts For Fischer-Tropsch Synthesis, Prepared By Decomposition Of Co-Al Hydroxycarbonate-Nitrate
PM4	Eric	van Steen	Investigating Strong-Metal-Support-Interactions Through Molecular Design - Silica As A Chemical Promoter For Fe-Based Fischer-Tropsch Catalysts
PM5	Ankur	Bordoloi	Interrelation Studies Preparation Methods And Performance Of Co/Alumina Catalyst For Higher Alcohol And Ft Synthesis
PM6	Hiroimi	YAMASHITA	Silica Core-Supported Pd Nanoparticles Covered With Ti-Containing Mesoporous Silica Shell: An Efficient Nanocatalyst For One-Pot Oxidation Reaction
PM7	Agustin	Martinez	The Impact Of The Preparation Method On The Performance Of Hybrid CuZnAl/HZSM-5 Catalysts For The Syngas-To-DME Reaction
PM8	Manuela	Santos	Effect Of Iron Content On The Properties Of Niobia-Based Catalysts For Fischer-Tropsch Synthesis
PM9	Fatima	Pardo	Cobalt Supported On Pore Expanded MCM-41 For Fischer Tropsch Application
PM10	Aurore	BUTEL	Cobalt And/Or Iron Catalysts Supported On Silica Or Alumina For Fischer Tropsch Synthesis From Biosyngas
PM11	Wei-Zheng	Weng	Mechanistic Study Of Methane Partial Oxidation To Synthesis Gas Over Supported Noble Metal Catalysts
PM12	Nikolaos	Tsakoumis	An Operando Study Of Co-Based Fischer-Tropsch Synthesis Catalysts
PM13	Eleni	Heracleous	Synthesis Of Higher Alcohols From Syngas Over K-Promoted CuZnAl Catalysts
PM14	Huazhang	Liu	The Development Of A Novel Fe ₁ -XO-Based Fused Iron Catalyst For Fischer-Tropsch Synthesis With The High Olefine Selectivity
PM15	Michael	Claeys	Crystallite Size Effects On The Carbidisation Of Unsupported Iron Fischer-Tropsch Catalysts
PM16	Takamasa	Nishina	Formation Of Iron Carbide Species In Fischer-Tropsch Reaction On Fe-Loaded Oxidized Diamond Catalysis
PM17	Francesco	Regali	Hydrocracking Of Fischer-Tropsch Waxes Over Pt/Pd Catalysts Supported On Silica-Alumina
PM18	Gi Bo	Han	Influence Of Surface Treatment With The Various Methods On Physico-Chemical Characteristics Of Coal For Direct Catalytic Liquefaction
PM19	Maria	Olea	Conversion Of Biomass-Derived Syngas To Valuable Chemicals And Fuels With Optimal Formulation Catalysts
PM20	Dong Ju	Moon	CFD Modelling And Simulations On Fixed Bed Fischer Tropsch Reactor For GTL-FPSO Applications
PM21	Eric	van Steen,	Promotion Of Iron-Based Fischer-Tropsch Catalysts By Copper – A DFT Study
PM22	Olatunde	Jogunola,	Formic Acid Synthesis With Ion Exchange Resin-Reaction And Diffusion Model
PM23	Bjørn Christian	Enger,	Effects Of Zinc During SSTIKA Studies Of Cobalt-Rhenium/ γ -Alumina Catalysts In The Fischer-Tropsch Synthesis

PM24	Juan María	González Carballo,	Ruthenium Particle Size Effect On The Fischer-Tropsch Synthesis
PM25	Martin	Kuba,	Analytical Accuracy In High Throughput Catalyst Screening And Process Development For Fischer-Tropsch Chemistry
PM26	Georg	Voß,	The State Of Promotors In Cobalt Fischer-Tropsch Catalysts
PM27	Weixin	HUANG,	Conversion Between Different Types Of Carbon Species And Their Influences On The Surface Reactivity Of Co(0001)
PM28	Aleksey	Vedyagin	Growth Of Feather-Like Carbon Nanofibers Over Supported And Bulk Nickel-Containing Catalysts
PM29	Dong Ju	Moon,	Studies On Fischer-Tropsch Synthesis Over Cobalt Based Catalysts For GTL-FPSO Applications
PM30	Doreen	Nabaho,	Hydrogen Spillover In The Fischer-Tropsch: The Role Of Platinum And Gold As Promoters On Cobalt-Based Catalysts
PM31	Ki-Won	Jun,	Micro-Reaction Technology For Fischer-Tropsch Synthesis With Enhanced Heat Transfer Capability
PM32	Martin	Lok,	High-Throughput Experimentation In Syngas Based Research {Ft}
PM33	Carlo Giorgio	Visconti,	Fischer-Tropsch Synthesis Over Conductive Honeycomb Monoliths
PM34	Sreekala	Rugmini,	Effect Of Ruthenium Addition To Cobalt-Silica Catalyst In Fischer-Tropsch Synthesis
PM35	Agnieszka	Ura (Michalak),	Carbon Deposition On Co Catalysts During Fischer-Tropsch Synthesis
PM36	Paulina	Kwintal-Ogórek,	Identification Of Carbon Deposition On Iron-Cobalt Catalysts For Fischer-Tropsch Synthesis.
PM37	Kees-Jan	Weststrate,	Carbon Surface Chemistry On A Model Fischer-Tropsch Catalyst
PM38	Henrik	Romar,	Effects Of Early Reactions On The Fischer-Tropsch Activity And Stability Over Ru- And Re-Enhanced Cobalt Catalysts
PM39	Andreas	Helland Lillebø,	Effects Of Li, Na, K And Ca On Co-Based Fischer-Tropsch Catalysts
PM40	Chris	Mitchell	Enhancing The Performance Of Delaminated Zeolite Itq18 For The Manufacture Of Diaminodiphenylmethane (Dadpm)
PM41	Xianfeng	Li	Modification Of ZSM-5 By Titanium And Iron Oxide To Enhance The Catalytic Cracking Of Hydrocarbons
PM42	Svetlana	Ivanova	One Template- Three Zeolites
PM43	JUAN PABLO	CECCHINI	Zeolite Sheets For VOCs Removal
PM44	Haiqiang	Lin	Enhanced Performance Of HZSM-5 Promoted Cu-SiO ₂ Catalysts For Hydrogenation Of Dimethyl Oxalate To Ethylene Glycol
PM45	Antonio	Chica	Hydrogen Production From Bio-Ethanol Steam Reforming Over Cobalt Supported On Delaminated Zeolites
PM46	Beyhan	Erdem	Sulfonic Acid Functionalized Mesoporous SBA-15 As An Efficient And Recyclable Catalyst For The Synthesis Of Methyl Lactate
PM47	Enrique V.	Ramos-Fernandez	Highly Dispersed Platinum In Metal Organic Framework MIL-101 Containing Polyoxometalates
PM48	Young Soo	Ko	Synthesis Of Single-Site Catalyst Captured On Amine-Functionalized Surface Of SBA-15 And Its Olefin Polymerization
PM49	Karolina	Jaroszewska	Hydroconversion Of 1-Methylnaphthalene Over Pt/Al SBA-15 Catalysts
PM50	Svetlana	Yashnik	Design Of Bifunctional Nanostructured Pt(Pd)-Zeolite Catalyst For Deep Desulfurization Of Diesel Fuels
PM51	Maria	Botavina	Mesoporous Crox /Al-Silicas For Propane Oxidative Dehydrogenation With CO ₂ As Oxidant : Preparation Of Catalysts Of Potential Industrial Interest
PM52	Narendra	Kumar	Preparation And Characterization Of Zeolite Based Microreactor Elements
PM53	Xiaotao	Li	Effect Of Na Exchange On The Acidic Properties Of Mordenite And O-Xylene Selectivity In The Alkylation Of Toluene With Methanol

PM54	Sebastian	Wohlrab	Nanoporous Glasses As Origin Of Novel Catalyst Materials
PM55	Jin-Heong	Yim	Octene Hydroformylation Over Selectively Bifunctionalized Mesoporous Silica Supported Rh Complex
PM56	Ulf	Hanefeld	Tetrahedral Al In Mesoporous Materials
PM57	Jovita	Moreno	Supporting Chromium And Metallocene Species On SBA-15 Materials. Novel Heterogeneous Catalysts For Ethylene Polymerization
PM58	Jose L.	Contreras	Synthesis And Characterization Of Mesoporous Al ₂ O ₃ Using De Cationic Surfactant CTAB
PM59	Nicolás Claudio	Páez	Cu-Mordenite/Brass Grid Microreactor For The Catalytic Oxidation Of CO
PM60	Leilei	Wu	Improved Lifetime Of SSZ-13 In MTO Reaction By Mesopore Generation Through Di-Quaternary Ammonium Type Surfactant Templating
PM61	Vera	Isaeva	Metal-Organic Frameworks With Different Functionalities As Palladium Supports For Selective Hydrogenation Of Polyunsaturated Compounds
PM62	Efi	Nasiopoulou	Determination Of The Acid-Base Characteristics Of MCM-41 In Impregnation Suspensions
PM63	Wegard	Skistad	The Effects Of Desilication On 1d And 3d 10-Ring Zeolites
PM64	Prabhas	Jana	Cobalt Based Catalysts Prepared By Nanoreplication Using SBA-15 As Template
PM65	Seong-Bo	Kim	Dimethyl Carbonate Synthesis By Oxidative Carbonylation On Cu-Y Zeolite Catalysts: Influence On Supports And Promoters
PM66	Ali	Alsalmé	Solid Acid Catalysts Based On H ₃ PW ₁₂ O ₄₀ Heteropoly Acid: Acid And Catalytic Properties At A Gas-Solid Interface
PM67	Aline	AUROUX	NaBH ₄ Hydrolysis In Presence Of Heteropolyanions Supported Co Catalysts
PM68	Frederic	Meunier	Improved Molecular Transport Properties Of Commercial ZSM-5 Crystals In Mesoporous Form: Pitfalls And Certitude.
PM69	Milan	Bernauer	Study Of The Transformation Of The Zeolite Framework During The MoCx/ZSM5 Preparation And Methane Aromatization
PM70	Gabriel	Herrera-Páez	Kinetic Study Of The Deshydroxylation Of Brucite
PM71	Yesim	Gucbilmez	Effect Of Different Synthesis Methods On The Properties Of HPA-MCM-48 Type Catalysts
PM72	Alexander	Bedilo	Are Strong Electron Acceptor Sites Of Zeolites And Sulphated Zirconia Superacidic?
PM73	Yu-Fei	SONG	Synergistic Catalysis Of Aromatic Aldehydes By Polyoxometalate-Intercalated Layered Double Hydroxides
PM74	Akira	Oda	New Reactions Found In Zn MFI H ₂ And /Or O ₂ Systems
PM75	Joao	Martins	m-Xylene And Mesitylene Transformations Over A New MWW-Type Zeolite
PM76	Svetlana	Yashnik	Peculiarities Of Optical, Redox And Catalytic Properties Of Nanosized 1D – 3D Copper Particles Stabilized In ZSM-5
PM77	Mayra	García Álvarez	Examination Of The Defect Structure Evolution By Induced Reconstruction Of Layered Double Hydroxides
PM78	Soledad Guadalupe	Aspromonte	Hydrocarbon Adsorption And NO _x On Ag-Exchanged Namordenite Catalysts
PM79	Sarah	DIALLO-GARCIA	Modulation Of The Basic Properties Of Hydroxyapatites By Synthesis: Toward The Identification Of Active Sites.
PM80	Izabela	Hnat	CO Oxidation On Zeolites
PM81	Edyta	Tabor	Influence Of Al Distribution On The Nature Of Iron Species And Catalytic Activity Of Fe-Fer In N ₂ O Decomposition
PM82	Minhye	Seo	Preparation And Characterization Of Bimetallic Zeolite Catalyst For

			N2O Decomposition
PM83	Maarten	Nachtegaal	Probing The Active Site During Methane Conversion Over Cu-Zeolites With Time-Resolved And Energy-Resolved XAS
PM84	Hiroe	Torigoe	Specific Activity Of Silver-Ion Clusters Formed In FER-Type Zeolite For Xenon At 300k
PM85	Fabien	Leydier,	Probing The Brønsted Acidity Of Amorphous Silica-Alumina : Ab Initio Insights Of The Proton Transfer And Its Infrared Consequences
PM86	Dorothee	Berthomieu,	DFT Study Of Multiple Co Adsorption In Metal-Exchanged Zeolites
PM87	Bartłomiej	Szyja,	Multi-Scale Simulations Of MEL/MFI Structure Direction
PM88	Daniel	Smykowski,	Adsorption And Molecular Dynamics Simulations Of CO ₂ - Zeolite Systems
PM89	Stepan	Sklenak,	N2O Decomposition In The Absence Of NO. Why Does Fe-Ferrierite Have A Superior Activity With Respect To Fe-ZSM-5 And Fe-Beta? A Combined DFT And Multi-Spectroscopic Study
PM90	Robert	Gryboś,	NO, CO And CH ₄ Adsorption On Isolated Pd Clusters And Embedded In Mordenite. Quantum-Chemical DFT Study.
PM91	Guanna	Li,	A Comprehensive DFT Study Of The Stability And Reactivity Of Fe/ZSM-5 For Direct Benzene Oxidation To Phenol By N ₂ O
PM92	Remedios	Cortese,	Irmof-3 And Knoevenagel Condensation: A Computational Study
PM93	Alime	Citak,	Ethyl Propionate Production Using HPA-MCM-41 Type Catalysts
PM94	Dilgam	Tagiyev	Investigation Of Kinetic Regularities Of Modified Zeolite Catalyst For Direct Oxidation Of N-Propyl Alcohol Into Propionic Acid
PM95	Anton	Garbienko,	Surface Species Formed During Alkane Conversion On Ga ₂ O ₃ And Gallium-Modified Zeolite Bea
PM96	Atsushi	TAKAHASHI,	The Additive Effect Of Phosphorus To ZSM-5 Catalysts For Ethanol Conversion Into Propylene
PM97	Karima	BEN TAYEB,	Genesis Of Radical Species Formed During The Ethanol Transformation Over HZSM-5 Zeolite
PM98	M. TERESA	PORTILLA,	ITQ-27: A Large Pore Zeolite For Isomerization And Disproportionation Of BTX Aromatics
PM99	Nuno	Batalha,	Bea Zeolite Germination Over A Support: Improvement Of The N-C16 Hydroisomerisation Performance
PM100	Xiaolan	Qi	Effect Of Na Exchange On The Acidic Properties Of Mordenite And O-Xylene Selectivity In The Alkylation Of Toluene With Methanol
PM101	Ling	Qu,	The Advances In Application Of Zeolite Catalyst In Petrochemical Processes
PM102	Zhicheng	Liu,	Study Of Mesoporous ZSM-5 Zeolite On Catalysis Of Toluene Disproportionation Reaction
PM103	Dusan	STOSIC	Influence Of Surface Acid-Base Properties On The Product Selectivity In Gas Phase Dehydration Of Glycerol
PM104	HAJIME	IIDA	Reduction Of Trans-Fatty Acid In Hydrogenated Soybean Oil Using A Pt-Ir/BaSO ₄ Catalyst
PM105	RODIANSONO	RODIANSONO	The Selective Hydrogenolysis Of Sugars To Low Molecular Alcohols Over Ni Nanoparticles With SnO Additive Supported On Aluminium Hydroxide
PM106	Julia	Woodford	Hierarchical Nanoporous Solid Base Catalysts For Biofuels
PM107	Elizabeth	Lachter	Synthesis, Characterization And Catalytic Activity Of Mesoporous Niobium Phosphate In Esterification Reactions Of Fatty Acids
PM108	Mayra	Garcia Álvarez	Alumina Supported Hydrotalcites: Preparation And Catalytic Study In Continuous Transesterification Of Glycerol
PM109	Yuriko	Osaka	Metal Catalyzed Hydrogenolysis Of Xylan And Cellulose
PM110	Adid Adep	Dwiatmoko	Catalytic Behaviour Of Surface-Modified Niobic Acid On The Cellobiose Conversion

PM111	Kveta	Jiratova	Modification Of Calcined Ni-Mg-Mn And Co-Mn-Al LDHs With Platinum: Properties And Activity In Total Oxidation Of VOC
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PM114	Marco	Fraga	Glycerol Aqueous-Phase Reforming Over Platinum Supported On 1d Titanate Nanotubes
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PM116	Seung-hwan	Lee	Hydrogenolysis Of Glycerol Over Cu-Based Hydrotalcite-Like Catalysts In A Mild Condition
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PM145	Miguel Angel	Gomez Garcia,	Esterification Of Acetic Acid With Iso-Amyl Alcohol Resulting From The Fuel Ethanol Production - Reaction Kinetics
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PM148	Ana Paula	Soares Dias,	Relevance Of The Mo/Fe Atomic Ratio On The Methanol To Formaldehyde Oxidation Kinetics
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PM150	Eero	Salminen,	Acid Modified Supported Ionic Liquid Catalysts (Silica) For The Synthesis Of 5-Hydroxymethylfurfural (Hmf)
PM151	Kostas	Triantafyllidis,	Conversion Of Lignocellulosic Biomass To Fuels And Chemicals By A Hybrid Hydrothermal-Catalytic Process Using Solid Acid Catalysts
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PM169	Jose	Castanheiro,	Conversion Of Glycerol With Acetone Into Bio-Fuel Additives Over Catalysts With Sulfonic Acid Groups
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PM172	Ramesh	Kanaparthi,	Direct Production Of C3+ Olefins From Mixtures Of Ethanol And Butanol Over ZSM-5 Based Catalysts
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PM185	Angela	Koeckritz,	FROM SUNFLOWER OIL TO α,ω -FUNCTIONALIZED C ₁₉ -MONOMERS
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PM189	Elena	Kondratieva ,	Influence Of Oxygenates On Deactivation Of Sulfided Catalysts During Hydrodeoxygenation Of 2nd Generation Bio-Oils.
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PM192	Päivi	Mäki-Arvela,	Long-Term Performance Of Pd-Sibunit Catalyst In Continuous Deoxygenation Of Stearic Acid
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PM195	Carine	MICHEL,	Mechanistic Insights For The Catalytic Transformation Of Glycerol On A Rhodium Catalyst In Basic Media: A Combined Experiment-Theory Approach
PM196	Arzu	Kanca,	N ₂ Gasification And CO ₂ Reforming Of Turkish Lignite In The Presence Of Cobalt And Lead Based Catalysts
PM197	Dionisios	Vlachos,	Mechanistic Insights Into The Conversion Of Biomass Derivatives To Renewable Fuels And Chemicals
PM198	Andreas J	Kunov-Kruse	Catalytic Conversion Of Biomass In Ionic Liquids: Applying The Cosmo Model For Designing The Solvent

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PM203	Jinsuo	Gao	Synthesis Of L-Prolinamide Functionalized Hollow Nanospheres For Asymmetric Catalysis
PM204	Olesya O.	Mironenko	Study Of Pd/Al ₂ O ₃ Catalysts Of Liquid-Phase Selective Hydrogenation Of Acetylene To Ethylene Prepared By Surface Self-Propagating Thermosynthesis (Ssts)
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PM208	LAURA ANTONELLA	ARONICA	Metal Vapour Derived Supported Palladium Catalysts For Sonogashira Carbonylative Reactions
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PM210	Annemarie	Frey	Ethene To Propene Reaction Over Supported Nickel Catalysts
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PM213	Galina	Bukhtiyarova	The Benzylolation Of Benzene Over Iron-Containing Silica-Supported Catalysts: Effect Of Calcinations Temperature
PM214	Toshimitsu	Suzuki	Synthesis Of 1,3-Propanediol By Hydrogenation Of Glycerin
PM215	Emilian	Angelescu	Cyclohexene Epoxidation With Molecular Oxygen And Isobutyraldehyde On Cobalt Coordination Polymer Catalysts
PM216	Svitlana	Khalameida	Epoxidation Of 1-Octene On Milled Vanadium And Molybdenum Oxides
PM217	Niamh	O'Callaghan	Green Selective Oxidation Reactions Using H ₂ O ₂
PM218	Catherine	ESPECEL	Preparation And Characterization Of Bimetallic Pd-Re/TiO ₂ Prepared By Surface Redox Reaction For Aqueous Phase Succinic Acid Hydrogenation
PM219	Jose	Iglesias	Hybrid Polymer-SBA-15 Materials Supporting Mo And W Species For Olefin Epoxidation
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