



Wednesday, June 6

Author	Poster	Title
Aguirre	PB-002	DRIFT+MS Quantitative Study of the CO Oxidation on Gold supported on Ceria
Alegre	PF-057	A theoretical study of the role of (CTA ⁺)(SiO ⁻) ion pair on the catalytic activity of [CTA ⁺]-Si-MCM-41.
Barreto	PC-022	Surface Science studies on manganese oxide thin films grown on gold (111) Surface
Belelli	PF-058	Selectivity of Diglycerides from Monoglycerides on Stepped MgO Surface: a Theoretical Study
Belelli	PF-059	The adsorption of Dopamine species on Ag(111): a theoretical study of the protonation degree and the effect of electric field
Belleti	PF-060	Raman spectra and Vibrational Assignments of Calcium Oxalate Polyhydrates
Bocan	PC-023	Reaction path for dissociative chemisorption of CO ₂ on Ni(111) and Pt(111)
Boscoboinik	PC-024	Induced Cleavage of methyl thiolates on Cu(100) by using contact mode Atomic Force Microscopy
Bosko	PD-034	Ru nanoparticles supported on carbon fibers applied to ethanol steam reforming
Brites Helú	PD-051	Local reactivity of hydrogen oxidation reaction on heteroatomic junctions investigated by scanning electrochemical microscopy
Bruera	PD-035	Effect of the anodizing parameters on the morphology of nanostructured films of aluminum oxide
Cabeza	PD-036	Vibrational and thermodynamic properties of Pt clusters: an ab initio study
Cabeza	PH-074	Effect of support on structural and magnetic properties of thin FeRh/MgO films
Caetano	PD-037	Water photo-dissociation Studies on MnO (111) thin film investigated by STM
Cappellari	PD-038	A Density Functional study on the Reactivity Enhancement Induced by Gold in IrAu Nanoalloys
Castagna	PD-052	Nanostructured Pt(Cu) pseudo core-shell catalysts for alcohol electrooxidation
Colombo	PF-061	Bimetallic (100) Rh/Au electrodes for the oxygen reduction reaction (orr)
Dalla Fontana	PC-025	Surface properties of binary and ternary alloys under the presence of CO, CO ₂ and H ₂ S



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Dhar	PA-001	Space weathering effects at the surface of thin film aluminosilicate model regolith
Fermanelli	PB-003	Effect of zeolite matrix over products distribution of catalytic pyrolysis of biomass waste
Ferreira	PB-004	Effect of lanthana addition on cobalt based catalysts for hydrogen production via ethanol steam
Ferullo	PF-062	Adsorption of Benzene on Hematite Surfaces: A van der Waals corrected DFT Study
Fornero	PB-078	Study of Coke Formation and Hydrogen Production under Ethanol Steam Reforming at Low Temperatures
Fornero	PF-063	Stability of alloys under oxidizing and reducing conditions
Fuente	PF-055	Theoretical study of the water gas shift reaction (WGS) on Au/hematite model catalyst
Fuente	PF-056	Adsorption of zwitterionic dopamine on GO. Theoretical study.
Garcia Blanco	PD-039	Supported molybdenum carbide materials for CO ₂ hydrogenation
Gioria	PB-005	Catalysts based on copper nanoparticles and its performance for the NO _x reduction with H ₂
Gomes	PB-006	OLEIC ACID ESTERIFICATION CATALYZED BY ZEOLITE Y - MODEL OF THE BIOMASS CONVERSION
Gómez	PB-007	In situ Raman and XPS characterization of MnCoCeO _x catalysts active for the purification of H ₂ rich
Gonzalez	PD-040	Generation of supported silver nanoparticles by reduction of silver-exchanged LTA zeolite
Guntero	PD-041	Embedding of bis-vanillin and bis-eugenol on Porous of Mesoporous Silica: Evaluation of Surface Interaction Between These Materials
Gutierrez-Gonzalez	PC-026	Bond Selective Dissociation of Methane on the Steps and Terraces of Pt(211)
Hernandez-Guiance	PB-008	Interaction of ethoxy species with ceria surfaces: A combined IR and DFT perspective
Imhoff	PH-075	Sol-gel synthesis and characterization of PZT-PFN thin films
Juan	PF-064	Ni segregation through NiTi B ₂ /TiO _{2-x} interface. A DFT study.
Khaniya	PH-076	Development of Molybdenum Nitride thin films for the investigation of multiscale catalytic hydrodenitrogenation process



Thursday, June 7

Author	Poster	Title
Lacoste	PB-009	Surface characterization of active centers in CuCe / SBA catalysts deposited in ceramic structures
Lara-García	PC-027	Li ₂ CuO ₂ as a bifunctional material in the CO oxidation and subsequent CO ₂ chemisorption
Lombardi	PG-077	On-surface transmetalation of metalloporphyrins self-assembled monolayers
Lozano	PD-042	Efficient synthesis of UiO-66 nanocrystals and their use as a template for the preparation of Ag,In/ZrO ₂ catalysts
Mardones	PD-043	Enhanced activity of commercial biocides by encapsulation in mesoporous silicas
Martínez	PB-010	Pt encapsulation in zeolite NaA as catalyst for the WGS reaction: surface properties
Matkovic	PC-028	Tailored Bronsted and Lewis acid sites of the phosphotungstic Wells-Dawson heteropoly-acid
Moiraghi	PF-065	Mechanisms of methane dissociation on Ir(111): a molecular dynamics study.
Montaña	PB-011	"Zirconia-supported silver nanoparticles for the catalytic elimination of contaminants"
Montañez	PB-012	Acylation of lignin-derived compounds using solid acid catalysts to obtain fine chemicals products
Morgade	PF-066	Theoretical analysis of the modification of the redox potential in titania as a consequence of the nature and location of the dopant element
Morgade	PF-067	Theoretical study on the electronic and catalytic properties of Fe-doped TiO ₂ and its use in the removal of arsenic
Neyertz	PD-044	Arsenic elimination using iron nanoparticles supported on ion exchange resins
Olson	PC-029	Chemical Self-Assembly Strategies for Conductive Metal-Organic Surface Structures
Otero	PF-068	DFT study of formation and migration of oxygen vacancies in mixed oxides: Ce _{1-x} Zr _x O ₂ and Ni-Ce _{1-x} Zr _x O ₂
Pacheco	PB-013	Investigation of the Reaction Mechanism of the Conversion of Ethanol to 1-Butanol
Paviotti	PB-014	Surface study of Ru and Ni nanoparticles supported on SiO ₂ based systems.



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Peludhero	PC-030	Quasi-classical MD study of methane reactivity over spontaneous missing-row reconstructed fcc(110) surfaces: methane/Pt(110) and methane/Ir(110)
Pereyra	PC-021	Growth and electronic structure of Mn ₃ O ₄ thin films
Portillo	PB-015	Catalysts based on Au nanoparticles supported on metal/TiO ₂ for CO oxidation and soot combustion
Quintero	PH-80	Growth, Thermal Desorption and Low Dose Ion Bombardment Damage of C ₆₀ Films Deposited on Cu(111).
Ramos	PD-045	Development of faceted platinum electrocatalysts for low temperature fuel cell
Rinaudo	PB-016	Modification of physicochemical properties by ball-milling: titania and ceria as supports in heterogeneous catalysis
Rodríguez	PB-017	Selective Bio-Butadiene Production Using Acid Solid Catalysts
Roldan	PD-046	Characterization of the stability of Ag nanoparticles during their incorporation into TiO ₂ coatings and its photocatalytic activity
Rossi	PD-053	Study of TiO ₂ immobilization on glass and its application on phenol photodegradation
Ruano	PD-047	Changes in the electronic structure of pyrite irradiated surfaces explored by UPS, ISS and DFT
Salazar	PB-018	Reactivity of lithium silicates prepared from bio-silica for the capture of carbon dioxide
Salguero	PD-048	Nanostructured perovskites
Schulte	PF-070	Theoretical study of hydrogen electrocatalysis on bimetallic nanostructures. Reactivity concepts.
Seminara	PF-071	Dynamics of CO adsorption on Cu(110) surfaces
Suarez	PD-049	Effect of synthesis conditions on properties of nanocrystalline cerium oxide prepared via hydrothermal method
Sueldo Ocelllo	PD-054	Mesoporous silica SBA-15 modified with a hyperbranched polyester polyol as electrocatalytic
Tetenoire	PC-032	Classical trajectory study of CH ₄ scattering and sticking on Ir(111): effect of the angle of incidence
Toledo	PB-019	Influence of water on enzymatic esterification of racemic ketoprofen in a solventless system
Toncon	PD-050	Supported Fe and Co nanoparticles for Fischer-Tropsch synthesis
Torio	PC-033	Methane Adsorption and Vibrational Spectrum of the Methyl Group on Pt(211)
Vinuesa	PB-079	Characterization and conditioning of zeolitic tuffs to improve their catalytic features



Author	Poster	Title
Zoloff Michoff	PF-072	Selective Mechanochemistry of Aromatic vs. Aliphatic Thiolates on Gold Surfaces
Zubieta	PF-073	Cu, Ag and Au adsorption on hematite: A comparative density functional study
