

08:30 AM - 09:30 AM

PL-6
(Auditorium)

Catalytic Conversion of Renewable Resources into Bulk & Fine Chemicals.

Johannes G. DE VRIES, LEIBNIZ INSTITUTE FUER KATALYSE E. V.

09:30 AM - 10:30 AM

OC-12-1-1 (Auditorium)

OC-12-2-1 (Room 1)

OC-12-2-2 (Room 3)

OC-12-3 (Room 4)

OC-12-6 (Room 5)

OC-12-8 (Room 6)

477	The effect of aqueous MgCl ₂ pretreatment on the thermal decomposition of Pubescen Changwei HU	341	An heterogeneous process intensified by microwaves for organocatalyzed Knoevenagel Reaction Lilivet UBIERA	296	Study of the gas-phase catalytic transfer hydrogenation of methyl levulinate with primary alcohols over ZrO ₂ Paola BLAIR VASQUEZ	244	Performance of a vine shoots-derived activated carbon during dynamic adsorption of CO ₂ in dry and humid conditions Joan MANYA	29	Micellar behavior of ionic liquids in aqueous solutions Ibrahim BOU MALHAM	413	New bio-sourced hole transporting materials for perovskite solar cells Victorien JEUX
483	Lignocellulosic biomass valorization by reductive depolymerization in supercritical ethanol. Eduardo J. GARCIA-SUAREZ	412	Free and immobilized fungal oxidoreductases for the selective oxidation of 5-hydroxymethylfurfural. Sona GARAJOVA	333	Cu-based catalyst for the selective hydrogenation of canola and sunflower vegetable oils. Umberto PASQUAL LAVERDURA	305	One-pot Suzuki/Sonogashira and nitro-reduction in aqueous media using a magnetic nanocatalyst Vincent TERRASSON	97	Role of fulvic acid on the bioaccumulation of copper and lead by a unicellular green algae <i>Chlamydomonas reinhardtii</i> Roula FLOUTY	456	Green Production Technology of Cyclohexanone Dongqiang MA
635	OrganoCat: Biomass Fractionation for an Integrated Biorefinery Concept to Fully Valorise Lignocellulosic Biomass Dennis WEIDENER	986	Towards molecules with low and high functionality: harnessing the carbon skeleton of sugars Bert SELS	349	Nickel-based catalysts: influence of chlorine presence and catalyst composition on their activity in the hydrogenation of levulinic acid to gamma-valerolactone. Emilia SOSZKA	316	A rational investigation of the Lewis acid promoted coupling of carbon dioxide with cyclohexene oxide: towards CO ₂ -sourced polycyclohexene carbonate under solvent and co-catalyst free conditions Thierry TASSAING	180	Development of new and more benign aqueous multiphase systems: the triple salting-out effect Helena PASSOS	457	Esterification reactions: Should one go continuous? Marc-Olivier SIMON
687	Hydrothermal extraction, separation and purification of hemicelluloses from residual biomass Marta RAMOS ANDRÉS	1105	Efficient and Selective transformation of carbohydrates to valuable chemicals via sonochemistry: which essential parameters to control the reaction? Prince AMANIAMPONG	700	Synthesis of THF-derived Amines by Transformation of Bio-derived Furfural Shi JIANG	471	Limiting factors in supercritical CO ₂ extraction of tomato pomace: lycopene solubility in tomato seed oil. Pietro SQUILLACE	493	Organized Molecular Systems on the service of sustainable development Stéphanie CASSEL	486	Innovative bifunctional catalytic system for methyl methacrylate synthesis: the peculiar role of gallium Jacopo DE MARON

11:00 AM - 12:00 AM

PL-7
(Auditorium)

Going Beyond Fossil Fuels for Next-Generation Green Chemical Production

Gabriele CENTI, UNIV MESSINA, DEP MIFT (IND. CHEMISTRY)

12:00 PM - 12:30 PM

CONCLUDING REMARKS & POSTER PRIZE

SCIENTIFIC
PROGRAM
Friday, May 17th

