magnus Group

TENTATIVE PROGRAM

4th Edition of
International Conference on

Catalysis and Green Chemistry

ICG 2019

MAY 13-14, 2019
TOKYO, JAPAN

Theme: Catalyzing Inventive Technologies and Estimating Methodologies to Modernize the approaches in Catalysis and Green Chemistry

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Keynote Presentations

Title: Domino reactions. The green and economical art of chemical synthesis
Lutz F. Tietze, Georg-August-University Göttingen, Germany

Title: A new catalyst for the conversion of aromatics to HC and CO-rich gas
Nicolas Abatzoglou, Université de Sherbrooke, Canada

Title: Green chemistry in processing of degradable and recycled polymers
Leszek Moscicki, Lublin University of Life Sciences, Poland

Title: CO2 chemical evolution & catalysis
Paul O'Connor, Eindhoven University of Technology, Netherlands

Title: Catalytic processes in the conversion of biomass to biofuels and fine chemicals combined with ultrasonic and microwave irradiations
Aharon Gedanken, Bar-Ilan University, Israel

Title: Computer analysis of the heterogeneous surfaces using the unique fast multivariant numerical procedure with the new clustering based adsorption models
Mirosław Kwiatkowski, AGH University of Science and Technology, Poland

Title: Catalysts and catalytic processes for converting waste to fungible liquid fuels and chemicals
Moti Herskowitz, Ben Gurion University at Negev, Israel

Title: Interlayer dynamics of the active sites of transition metal sulfide-based catalysts and the mechanisms of hydrodesulfurization of oil fractions and synthesis gas conversion into higher alcohols and other oxygenates
Victor Kogan, Russian Academy of sciences, Russia

Title: Greener synthesis of chemicals and pharmaceutical compounds
Ahindra Nag, Indian Institute of Technology, India

Title: Novel medicinal applications of Natural products
Nagwa Abo El-Maali, Assiut University, Egypt

Oral Presentations

Title: Modelling thermokinetics using the Sestak-Berggren equation: A Calcium carbonate case study
Rebecca Gibson, University of Birmingham, United Kingdom

Title: Unraveling the controversy over the catalytic reaction mechanism using a new theoretical methodology: One probe and non-equilibrium green's function surface
Sang Uck Lee, Hanyang University, Republic of Korea

Title: Advanced in biomass and biogas energy
Abdeen Omer, Energy Research Institute (ERI), United Kingdom

Title: Observing catalytic reaction in the reciprocal space
Roberto Felici, Università di Tor Vergata, Italy

Title: Structure, stability and catalytic properties of gold protected nanoclusters from DFT calculation
Daria Pichugina, Moscow State University, Russia

Title: High-Frequency and Far-Field EPR and Far-Infrared magnetic spectroscopy of transition metal complexes with catalytic properties
Jurek Krzystek, National High Magnetic Field Laboratory, USA

Title: "Bio-based solvent": New solvent for the synthesis of heterocycles containing oxygen, sulfur and nitrogen
Joana Filomena Campos, Université d'Orléans, France

Title: DOZN™- A Quantitative Green Chemistry Evaluator
Samy Ponnusamy, MilliporeSigma, USA

Title: Techno-economic analysis of coal to liquids based on direct coal liquefaction technology
Ye Huang, Ulster University, UK

Title: Biodiesel obtaining in a supercritical fluid conditions: Non-catalytic and catalytic reaction, the reaction kinetics and the process simulation
Farid Gumerov, Kazan National Research Technological University, Russia

Title: New carbon carriers for catalysts
Victor Mukhin, AO "ENPO Neorganika", Russia

Title: Ru/TiO2 CO2 methanation catalysts: The decisive role of support crystallinity and stability
Capucine Sassoye, Sorbonne Université, France

Title: The morphology and surface modification effect on the properties of OER
Chuanbao Cao, Beijing Institute of Technology, China

Title: Percolation and additional active centers as key factors for performance of highly productive Fischer-Tropsch synthesis catalysts
Vladimir Z. Mordkovich, Technological Institute for Superhard and Novel Carbon Materials, Russia

Title: Role and significance of molybdenum disulfide (MoS2) as a cocatalyst for photocatalytic hydrogen production
S.V. Prabhakar Vattikuti, Yeungnam University, Republic of South Korea

Title: How the design of nanomaterials allows to control their properties
Sophie Cassaignon, Sorbonne University, France

Title: Zeolites: Potential soil amendments for improving agriculture productivity
Vijay Sandeep Jakkula, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India

Title: Micelles catalyzed regio- and chemoselective synthesis of 1,4-benzoquinones and their derivatives "in Water" as potential antifungal and antibacterial agents.
Vishnu K Tandon, Lucknow University, India

Title: Elaboration of new types fire-protective cowers based on environmentally-safe fire-extinguishing powders
Lali Gurchumelia, Tbilisi State University, Georgia

Title: Comparative physicochemical correlation study and chromatographic release profile of active pharmaceutical ingredients of synthesized prodrug and codrug of aspirin+paracetamol and indomethacin+paracetamol in physiological fluids by covalent and non–covalent bonding
Dhrubo Jyoti Sen, Gujarat Technological University, India

Title: A well-defined fe catalyst system bearing a tetradentate PNNP ligand: Selective synthesis of hydrosiloxanes via dehydronegative coupling of silanols with hydrosilanes
Yumiko Nakajima, National Institute of Advanced Industrial Science and Technology (AIST), Japan

Title: Development of HPA intercalated/modified clays as green catalysts for organic synthesis
Chandra Mohan, K. R. Mangalam University, India

Title: Perks of heterogeneous catalysts for the reductive depolymerization of lignin to improve existing valorization techniques
Iqra Zubair Awan, University of Bologna, Italy

Title: Ru(II)–Fe(III) and Ru(II)-Cu(II) Dyads for the light induced catalytic oxygenation of organic substrates mediated by O2 activation
Sushil Kumar, Doon University, India

Title: Photoexcitation dynamics at nanoscale interfaces for solar hydrogen production
Run Long, Beijing Normal University, P. R. China

Title: Environmentally benign synthetic approach of newer Nitrogen heterocyclic analogous as a biologically active scaffold
Navin. B. Patel, Veer Narmad South Gujarat University, India

Title: Facile Synthesis of Carbon based Nanomaterials and their applications
Sandip Chakrabarti, Amity University, India

Title: Facile method to synthesize graphite and graphene nano sheets
Rikson Siburian, University of Sumatera Utara, Indonesia

Titel: Synthesis, characterization and study of the biological and electrochemical activities of some heterocyclic compounds
Anouar Alami, Sidi Mohammed Ben Abdellah University, Morocco

Title: The effect of heglig oilfield produced water on chemical additives for hydraulic fracturing fluids
Fatima Ahmed ELbrir Hamed, Sudan University of Science and Technology, Sudan

Title: Natural zeolites in the polymer residue's
Gagik Torosyan, University of Armenia, Armenia

Title: Landfill gas emissions and utilisation in Thohoyandou and Polokwane landfill site
Njoku Prince Obinna, University of Venda, South Africa

Title: How to promote green chemistry to public? The implications from neuroscience evidences and education
Huang Chin-Fei, National Kaohsiung Normal University, Taiwan

Title: Multi-walled carbon nanotubes decorated with Cu(II) triazole Schiff base complex and its catalytic performance for adsorptive removal of synthetic dyes
Hoda A. El-Ghamry, Umm Al-Qura University, Saudi Arabia

Title: Effect of doping on Physicochemical characteristicS of lead titanate and of barium titanate
Mrharrab Lamiae, Ibn Zohr University, Morocco

Title: Industrial ceramic wastes in Pakistan: Renewable natural capital for pollution control, energy and green environment
Mohammad Sohail, University of Peshawar, Pakistan

Slots Available

Poster Presentations

Title: Hydrogenation of uncertainty compounds on irradiated β-particlesPd/γ- Al_2 O_3 catalyst
Murat Kunelbayev, Institute of Information and Computing Technologies, Republic of Kazakhstan

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Title: Ruthenium based multimetallic nanoparticles: Probe the local structure
Capucine Sassoye, Sorbonne Université, France

Title: Primary amide functionalized metal organic frameworks as catalytically active hydrogen-bond-donating heterogeneous catalysts
Datta Markad, Indian Institute of Science Education and Research Mohali, India

Title: Development of technology for production of new types fire-extinguishing powders and foam-suspensions
Lasha Tkemaladze, Tsulukidze Mining Institute, Georgia

Title: Biogenically synthesized silver nanoparticles from green algae (Botryococcus braunii) and its catalytic behavior for the synthesis of benzimidazoles
Tejpal Singh Chundawat, The Northcap University, India

Selective ionic flow cells (SIFC) an alternative to treat wastewater and reduce climate change
Juan Jose Lozada Castro, Universidad de Nariño, Colombia

Title: Integrated two stage processing of biomass conversion to HMF esters using ionic liquid as green solvent and catalyst: Synthesis of mono esters
Komal Kumar, Indian Institute of Technology Delhi, India

Slots Available

We wish to meet you @ ICG - 2019
during May 13-14, 2019 in Tokyo, Japan



Questions? Contact +1 (702) 988-2320 or Inquires: catalysis@magnusmeetings.com

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