

4th Edition of
International Conference on

Catalysis and Green Chemistry

TENTATIVE
PROGRAM

ICG
2019

MAY 13-14, 2019
TOKYO, JAPAN

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

 @CatalysisEvent

<https://catalysis-conferences.com/>

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: Structure, stability and catalytic properties of gold protected nanoclusters from DFT calculation

Daria Pichugina, Moscow State University, Russia

Title: "Bio-based solvent": New solvent for the synthesis of heterocycles containing oxygen, sulfur and nitrogen

Joana Filomena Campos, Université d'Orléans, France

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 Sassoie, Sorbonne Université, France

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: 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 covers 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: 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

Title: 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

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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 -particles Pd/ γ -Al₂O₃ catalyst
Murat Kunelbayev, Institute of Information and Computing Technologies, Republic of Kazakhstan

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

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

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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