

2ND EDITION OF
INTERNATIONAL CONFERENCE ON

GREEN CHEMISTRY AND RENEWABLE ENERGY

16-17
MAY 2022

 **VIRTUAL EVENT**

**FINAL
PROGRAM**

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DAY 01

MONDAY, MAY 16

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30-10:00		AV Check
10:00-10:10		Introduction
10:10-10:50	18:10-18:50	Arno A Evers, Arno A. Evers, Philippines Title: Will hydrogen be able, to solve the energy problems of the world?
10:50-11:30	11:50-12:30	Helena Belchior Rocha, ISCTE-University Institute of Lisbon, Portugal Title: SymbioCity model for sustainable urban development
11:30-12:10	19:30-20:10	Nabisab Mujawar Mubarak, Brunei University of Technology, Brunei Darussalam Title: Recent Development of deep eutectic solvent for chitosan-based cellulose nanowhiskers
12:10-12:50	17:40-18:20	Suresh C Ameta, PAHER University, India Title: Photocatalysis: A Green Chemical Pathway

POSTER PRESENTATIONS

12:50-13:00	14:50-15:00	Rania Farouq, Pharos University in Alexandria, Egypt Title: Development Of Functional Nanocatalyst /Polymer composite
13:00-13:10	15:00-15:10	Grzegorz Klosowski, Kazimierz Wielki University, Poland Title: Susceptibility of cellulose from various types of biomass after microwave-assisted hydrotropic pretreatment to enzymatic hydrolysis
13:10-13:20	18:40-18:50	Ashish Kumar Kar, Indian Institute of Technology Ropar, India Title: A Sustainable Approach for Reductive Formylation of Nitroarenes and N-Heterocyclic Arenes using Formic acid over a CoZn Embedded N-Doped Porous Carbon Catalyst Derived from the ZIF-COF Integration
13:20-13:30	15:20-15:30	Dawid Mikulski, Kazimierz Wielki University, Poland Title: Influence of microwave-assisted hydrotropic pretreatment on the level of delignification of various types of biomass
13:30-13:40	08:30-08:40	Alena Kharissova, Autonomous University of Nuevo Leon (UANL), Mexico Title: Synthesis of TiO ₂ sensitized with SnS quantum dots for application in photovoltaic devices and solar paints

ORAL PRESENTATIONS

13:40-14:00	21:40-22:00	Jinsong Wu, Guilin University of Electronic Technology, China Title: Big Data Driven Internet of Things: Toward Environmental Sustainability and Intelligence
14:00-14:20	17:00-17:20	Hasan Saygili, Batman University, Turkey Title: A new separable green-carbon material design with potential application in herbicide adsorption
14:20-14:40	15:20-15:40	Ray Drabble, University of Southampton, United Kingdom Title: Over the Wall Drainage: Sustainable Drainage for Waterfront Developments
14:40-15:00	21:40-22:00	Tran Huu Nghi, Tropenbos International, Vietnam Title: Impacts of Climate Changes and Adaptation Measures of Local People in Central Highlands of Viet Nam
15:00-15:20	17:00-17:20	Maha Mohamed Abdelrahman Genidy, Beni Suef University, Egypt Title: Green Analytical Chemistry Metrics and Life-Cycle Assessment Approach to Analytical Method Development
15:20-15:40	20:50-21:10	Ashanendu Mandal, University of Calcutta, India Title: Removal of toxic phenol from wastewater using low-cost adsorbents
15:40-16:00	18:40-19:00	Yarub Al Douri, American University of Iraq, Iraq Title: Alloys nanoparticles for optoelectronic applications
16:00-16:20	18:00-18:20	Chen Xing, Marcoule Institute in Separation Chemistry (ICSM), France Title: Application of ultra/nano filtration membrane on mining Uranium in seawaters
16:20-16:40	18:20-18:40	Michael Pittroff, Solvay, Germany Title: Environmental-Friendly Fluorine Mixture for CVD Cleaning Processes to replace C ₂ F ₆ and NF ₃ under industrial Conditions
16:40-17:00	18:40-19:00	Annunziata Soriente, University of Salerno, Italy Title: Bioinspired organocatalysis performed by supramolecular host molecules
17:00-17:20	19:00-19:20	Ahmed Mohamed Mehaney, Beni-Suef University, Egypt Title: Detection of CO ₂ pollutions based on Phononic crystals
17:20-17:40	19:20-19:40	Enas Amdeha, Egyptian Petroleum Research Institute (EPRI), Egypt Title: Photoreduction of Cr VI by ZnS ZnO/MCM-41 based on blast furnace slag and electric arc furnace dust

END OF DAY 1

DAY 02

TUESDAY, MAY 17

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
		Leon Burgess, Technology Director CalAISil®, Australia
10:00-10:40	20:00-20:40	Title: CalAISil® Feldspar Polymers – Sustainable Nanomaterials that Replace Cement, Concrete, Bricks and Composites
		Cristian Ravariu, Polytechnic University of Bucharest, Romania
10:40-11:20	13:40-14:20	Title: Solutions from Green Chemistry to co-Integrate Biomaterials near Electronic Devices
		Tomaz Langenbach, Pontifical Catholic University of Rio de Janeiro, Brazil
11:20-12:00	08:20-09:00	Title: Green Chemistry approach by Introduction of Biopesticides toward a Sustainable Agriculture
		Bing Chen, Memorial University of Newfoundland, Canada
12:00-12:40	09:30-10:10	Green solutions for marine oil spill response

ORAL PRESENTATIONS

		Md Nurul Islam Siddique, University Malaysia Terengganu, Malaysia
12:40-13:00	20:40-21:00	Title: Supplementation of additional nutrients and intermediate temperature on Bio-methane generation from anaerobic digestion of agricultural waste: Feasibility & Fertilizer recovery
		Kumuthini Chandrasekaram, University of Malaya, Malaysia
13:00-13:20	21:00-21:20	Title: Sporopollenin-Methylimidazolium Biosorbent based Mixed Matrix Membrane for Dispersive Membrane Microextraction
		Muhammad Salman Haider, Aalborg University, Denmark
13:20-13:40	15:20-15:40	Title: Continuous Hydroprocessing of Sewage Sludge and Algae Hydrothermal Liquefaction Biocrudes: Challenges and Potential of Sustainable Aviation and Diesel Fuels
		Shiru Lin, Texas Woman's University, United States
13:40-14:00	8:40-9:00	Title: Machine-Learning-Assisted Screening of Pure-Silica Zeolites for Effective Removal of Siloxanes and Derivatives
		Buddhima Rupasinghe, Bowling Green State University, United States
14:00-14:20	10:00-10:20	Title: Catalytic transformations of Siloxane-based materials towards a recycling loop
		Pieter Samyn, SIRRIS – Innovations in Circular Economy and Natural Resources, Belgium
14:20-14:40	16:20-16:40	Title: Bio-based Acrylate Coatings

14:40-15:00	16:40-17:00	Lejla Klepo, University of Sarajevo, Bosnia and Herzegovina Title: Green Chemical aspect of Environmental awareness development and antimicrobial influence mechanisms of colloidal silver and copper
15:00-15:20	20:30-20:50	Owais Mohammad, Interdisciplinary Biotechnology Unit, AMU, India Title: Biomimetic synthesis of drug-nanoparticles: an excipient free novel drug delivery system to treat skin fibrosarcoma in model animals
15:20-15:40	17:20-17:40	Patricia J Kooyman, University of Cape Town, South Africa Title: Tuning hydrocracking process parameters
15:40-16:00	17:40-18:00	Ahmed I Khodair, Kafrelsheikh University, Egypt Title: Synthesis of 5-[4-(4-oxo-2-thioxoimidazolidin-5-ylidenemethyl)benzylidene]]-2-thioxoimidazolidin-4-ones under microwave irradiation
16:00-16:20	18:00-18:20	Mohamed Ali Mahmoud El Khateeb, National Research Centre, Egypt Title: Treatment of Domestic Wastewater Using a Novel Compact Unit
16:20-16:40	21:50-22:10	Sunirmal Jana, CSIR-Central Glass and Ceramic Research Institute, India Title: Green synthesis of hierarchically structured organic-inorganic nanohybrid on cotton fabric suitable for antimicrobial and oil-water separation applications
16:40-17:00	21:40-22:00	Shumaila Kiran, Government College University, Pakistan Title: Green synthesis of magnesium oxide nanoparticles using leaves of Iresine herbstii for remediation of Reactive Brown 9 dye

KEYNOTE PRESENTATION

17:00-17:40	18:00-18:40	Djabri Larbi, Badji Mokhtar - Annaba University, Algeria Title: The Hydrochemistry, powerful tool to assess the water-rock relationship, case of the alluvial water table of Tebessa (North-East Algeria)
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END NOTE AND CLOSING CEREMONY

UPCOMING CONFERENCES

3rd Edition of International Conference on
Green Chemistry and Renewable Energy

May 22-23, 2023 | Tokyo, Japan

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