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7TH EDITION OF

INTERNATIONAL CONFERENCE ON

GREEN CHEMISTRY AND RENEWABLE ENERGY

HYBRID EVENT

21-23 JUNE 2027

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TENTATIVE PROGRAM

CONFERENCE TOPICS

- Environmental Chemistry and Pollution Control
- Biopolymer and Bioplastics
- Hazardous Waste Management
- Biomass/Bioenergy
- Solar Energy Technologies
- Bioremediation and Biodegradation
- Energy Storage and Batteries
- Marine Energy Technologies
- Waste-to-Energy and Biorefineries
- Waste Reduction, Capture, and Recycling

Theme:

Advancing Green Chemistry and Sustainable Energy for a Cleaner Future

+1 (702) 988-2320 +1 (540) 709-1879 | https://magnusconferences.com/green-chemistry/

Keynote Speakers



Hossam A Gabbar
Ontario Tech University, Canada



Olena V Zenkina
Ontario Tech University, Canada



Tomayess Issa
Curtin University, Australia



Orchidea Maria Lecian
Sapienza University of Rome, Italy



Yarub Al-Douri
European Academy of Sciences, Belgium



Jinsong Wu
University of Chile, Chile



Bayram Gunduz
Malatya Turgut Ozal University, Turkey



Osman Adiguzel
Firat University, Turkey



Cristian Ravariu
National University of Science and Technology Politehnica Bucharest, Romania

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KEYNOTE PRESENTATIONS

Olena V Zenkina, Ontario Tech University, Canada

Title: Molecularly defined chemosensors for detection, quantification, and discrimination of Zn2+ and Cd2+. Fe2+ and Hg2+ in freshwater samples

Hossam A Gabbar, Ontario Tech University, Canada

Title: Advances in plasma-based waste treatment for sustainable communities

Tomayess Issa, Curtin University, Australia

Title: Beyond business as usual: Advancing ethical sustainability education through Indigenous knowledge, industry engagement, and real-world impact

Orchidea Maria Lecian, Sapienza University of Rome, Italy

Title: Hydrocracking theory and technology

Yarub Al-Douri, European Academy of Sciences, Belgium

Title: Optical investigations of Zn-doped CuO nanostructure

Jinsong Wu, University of Chile, Chile

Title: Generalized green and red concepts: Environmental sustainability of AI, big data, ICT, and general green technologies

Osman Adiguzel, Firat University, Turkey

Title: Crystallographic transformations and energy relations of thermomechanical processes in shape memory alloys

Bayram Gunduz, Malatya Turgut Ozal University, Turkey

Title: Will be Updated Shortly

Cristian Ravariu, National University of Science and Technology Politehnica Bucharest, Romania

Title: Will be Updated Shortly

ORAL PRESENTATIONS

Anne Marteel-Parrish, Washington College, United States

Title: Greener chemistry for a sustainable future: Transforming chemistry education through systems thinking

Laxmi J Hathiya, Saurashtra University, India

Title: Structural and gas-sensing properties of nano-structured mixed ferrites synthesized by citrate-gel auto-combustion technique

Nagia Ali, National Research Centre, Egypt

Title: Innovation and green chemistry applications of natural dyes on textile fibers pretreated with neem/chitosan nano composite and its bacterial characteristic for saving energy and environmental impact

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Ahmed Diab Mohamed Ahmed El Esawy, Drinking Water and Sanitation Company, Egypt

Title: Antibacterial activity of bioactive compounds extracted from the Egyptian untapped green algae Rhizoclonium hieroglyphicum

Oumaima Cherradi, University Mohammed VI Polytechnic, Morocco

Title: Wastewater sludge as a resource: Methane production and digestate valorization through anaerobic digestion

Fatemehsadat Mirmohammadmakki, Islamic Azad University, Iran

Title: Reduction of lead and cadmium accumulation in coriander grown in contaminated soil using peanut shell waste

Oral presentation slots are available

POSTER PRESENTATIONS

Manpreet Kaur, McGill University, Canada

Title: General aqueous synthetic strategy towards 1-benzylTHIQs enabled by umpolung hydrazone

Wei Ge, Shanghai Jiao Tong University and State Power Investment Corporation Comprehensive Smart Energy Co., China

Title: A quantitative reassessment of damping sensitivity and shape evolution in a PSO-optimized multi-DOF wave energy converter buoy

Rudra Sarkar, Indian Institute of Petroleum and Energy, India

Title: Waste-derived eggshell-based catalysts for sustainable valorization of tamarind seed waste into value-added bio-oil

Poster presentation slots are available