

2nd World Summit on

Renewable Energy & Green Chemistry

24-25

NOVEMBER 2025

Prague, Czech Republic

Venue: Panorama Hotel Prague,
Milevska 1695/7, 140 63 Prague 4-Nusle, Czechia

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**Theme: Powering a
Sustainable Future:
Innovations in Renewable
Energy & Green Chemistry**

Keynote Presentations

Marta Balan

Mt Battery Unity in Diversity Trust,
Australia

Title: Towards a Sustainable World

Paulo Cesar de Moraes

Catholic University of Brasilia, Brazil

Title: Prospective Investigation of Metal-Oxide Nanofilms for High Performance Devices

Keynote Presentation Slots are Available.....

Oral Presentations

Priyanka Aggarwal

Tantia University, India

Title: Superior Electrochemical Water Splitting Achieved by Incorporating Molybdenum in Self-standing NiSe₂/CoSe₂ Heterostructures

Karla María Aguilar Castro, Carlos

Enrique Torres Aguilar, Edgar Vicente

Macias Melo

Universidad Juárez Autónoma de Tabasco,
Mexico

Title: Analyzing Heat Transfer in Solar-Powered Ventilation to Enhance Energy Efficiency in Buildings

Teo Siow Hwa

Universiti Malaysia Sabah, Malaysia

Title: Additive Engineering for Efficient and Stable Perovskite Solar Cells

Sinan Guan Northwest University, China	Title: E-BABE-Topology-Guided Structural Engineering and Hydrogenation Enhancement for a Dual-domain Metal Hydride Reactor
Zeena Patel Ilmenau University of Technology, Germany	Title: Systematic Literature Review: Variability in Life Cycle Assessment Practices for PV Technologies
Ahmed Ekgam Brega Petroleum Marketing Company, Libya	Title: BPMC's Renewable Energy Transition: A Strategic Framework for Sustainable Development in Libya
Khadija Ouknine Cadi Ayyad University, Morocco	Title: Solid Waste Management in Climate Change Context: A Systemic Review of Developing Countries
Dounia Azwaq Cadi Ayyad University, Morocco	Title: Adaptive Mechanisms of Argania spinosa under Harsh Environmental Conditions: A Mini-Review
Bernard Tonderayi Mangara Central University of Technology, South Africa	Title: Comparative Analysis of Simplified and Enhanced Detailed Fuel Cell Models for Simulation and Control
Tebogo Mashifana University of South Africa, South Africa	Title: Enhancing Coal Fines through Innovative Sustainable Green Binders for Eco-Friendly Briquettes
Asmita Dutta Ariel University, Israel	Title: Illumination through Shading: Boosting Photo Electrocatalysis of Light-absorbing Materials by Optically Inactive Coatings

Bijendra Singh Central University of Gujarat, India	Title: Will be updated soon
R P Gupta Solar Energy Corporation of India Limited, India	Title: Biomass Energy, Technologies, Their Techno-Economic Analysis and Contribution of Biomass Energy to National GDP
Claudio Fernando Mahler Federal University of Rio de Janeiro, Brazil	Title: Will be updated soon
Jean-Louis Roux dit Buisson Neocarbons, Switzerland	Title: Will be updated soon
Dessalew Berihun Adam Kotebe University of Education, Ethiopia	Title: Ruthenium-based Electro Catalyst Synthesis and Characterization for Energy Applications
Merihatsidik Tesema Abebe Ethiopian Public Health Institute, Ethiopia	Title: Assessment of Occupational Exposure to Lead Among Workers Engaged in a City Bus Garage in Addis Ababa, Ethiopia: A Comparative Cross-Sectional Study

Oral Presentation Slots are Available.....

Poster Presentations

Yung-kuan Tseng National Yunlin University of Science and Technology, Taiwan	Title: Research on Microstructural and Compositional Changes in Degraded Perovskite Solar Cells
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Jaroslav Herman

Charles University, Czech Republic

Title: Performance and Degradation Analysis of Sputter Deposited Thin-film Platinum Cathodes in PEM Water Electrolyzers Analyzed by Electrochemical Impedance

Muhammad Zahid

King Fahd University of Petroleum and Minerals, Saudi Arabia

Title: Pt-N Catalytic Centres Concisely Enhance Interfacial Charge Transfer in Amines Functionalized Pt@MOFs for Selective Conversion of CO₂ to CH₄

Priyanka Rajeev

IIT Kanpur, India

Title: Performance Analysis of Ammonia and Hydrogen Fuels in Solid Oxide Fuel Cells: A Comparative Study Based on Simulation

Poster Presentation Slots are Available.....