

5th Edition of Catalysis, Chemical Engineering and Technology Virtual

April 19, 2024



V-Chemical2024

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Webinar
TimingsSpeakers
Timings

07:00 – 07:10

Introduction

07:10 – 07:40

10:10 – 10:40

K

Title: Simultaneous sulfide removal and energy production for wastewater treatment in sulfide-driven fuel cells

Venko Beschkov, Bulgarian Academy of Sciences, Bulgaria.

07:40 – 08:10

15:40 – 16:10

K

Title: Mesoporous Cathode for Electrochromic Smart Windows

Chi-Ping Li, National United University, Taiwan.

08:10 – 08:40

17:10 – 17:40

K

Title: The Differences of Ru/CNT Catalytic Effect on the Glucose Gasification Under Supercritical Water Gasification Condition

Mengli Zhang, Hiroshima University, Japan.

08:40 – 09:10

14:10 – 14:40

K

Title: Metal doped TiO₂ activated carbon Nano composite for Photo catalytic degradation of Phenol

Dipak Sinha, Nagaland University, India.

09:10 – 09:40

11:10 – 11:40

K

Title: Design of inorganic nanoscale materials for today's energy and environmental challenges

Elisa Moretti, Ca' Foscari University of Venice, Italy.

09:40 – 10:10

15:10 – 15:40

K

Title: Development of novel strategies for rapid synthesis of silicoaluminophosphate molecular sieves in nonaqueous media and catalytic application studies on metal supported sapo-35

N Venkatathri, National Institute of Technology Warangal, India.

10:10 – 10:40

12:10 – 12:40

K

Title: Advances in continuous CO₂ electroreduction processes for high-efficiency production of value-added products

Guillermo Díaz Sainz, Universidad de Cantabria, Spain.

10:40 – 11:10	18:40 – 19:10	K	Title: Layered Double Hydroxide as A Game-Changer in Diverse Nanomaterial Applications Tajuddin Nazrizawati, Universiti Teknologi MARA (UiTM), Malaysia.
11:10 – 11:40	19:10 – 19:40	K	Title: Freeze Concentration and Its Potential Application in Chemical Engineering Mazura Jusoh, Universiti Teknologi Malaysia, Malaysia.
11:40 – 12:10	17:10 – 17:40	K	Title: Sustainable Green Hydrogen Evolution using Water Splitting Tokeer, Jamia Millia Islamia, India.
12:10 – 12:40	20:10 – 20:40	K	Title: Microplastics degradation over zinc oxide-based photocatalysis system Norzita Ngadi, Universiti Teknologi Malaysia (UTM), Malaysia.
12:40 – 13:00	20:40 – 21:00	I	Title: Enhancement of AlN crystallisation for thin film leakage current minimisation Rhonira Latif, Universiti Kebangsaan Malaysia, Malaysia.
13:00 – 13:20	21:00 – 21:20	I	Title: Eliminating surface cracks in metal film-polymer substrate for reliable flexible piezoelectric devices Rhonira Latif, Universiti Kebangsaan Malaysia, Malaysia.
13:20 – 13:40	21:20 – 21:40	I	Title: Metal organic frameworks derived porous carbons for thermal energy storage and utilization Ang Li, Suzhou University of Science and Technology, China.
13:40 – 13:50	E-poster		Title: The Hydrogenation Mechanisms of the Cytochrome P450 and of the Compound 1 formation Andreea Moraru, Columbia University, USA.

13:50 – 14:00 E-poster

Title: The Mechanism of the Hydrogen Peroxide Production by the Superoxide Reductase

lisa dascalu, Columbia University, USA.

Closing Ceremony