


Webinar Program

Catalysis **Virtual 2020**

July 17, 2020 | Friday

12:00-19:00 **GMT**

 @CATCatalysisConference

 @CatalysisEvent

July 17, 2020

12:00-12:10

Introduction

Keynote Presentations

Webinar

Speakers

Time Zone

Time Zone

12:10-12:50

08:10-08:50

Title: Modeling the thermal dependence of surface conductance in TiO₂ and MoO₃: Refuting the bottleneck hypothesis

Karl Sohlberg, Drexel University, USA

12:50-13:30

18:20-19:00

Title: Synthetic strategy and photocatalytic application of graphene hybridized metal oxide semiconductor nanocomposites

Sunirmal Jana, CSIR-Central Glass and Ceramic Research Institute, India

13:30-14:10

07:30-08:10

Title: Discovery: Reduction in photosynthesis correlation to carbon dioxide increase

Dave White, Climate Change Truth Inc, USA

14:10-14:30

Break

Oral Presentations

14:30-14:50

11:30-11:50

Title: Effect of metal loading on Nb₂O₅ supported catalysts for the hydrogenation of furfural to furfuryl alcohol

Mayra Martinelli Costa, University of Campinas, Brazil

14:50-15:10

16:50-17:10

Title: Electrospun materials for immobilization of oxidoreductases: Improving of their catalytic activity

Katarzyna Jankowska, Poznan University of Technology, Poland

15:10-15:30

12:10-12:30

Title: Selective Nb₂O₅ supported catalysts for the production of furfuryl alcohol and tetrahydrofurfuryl alcohol

Mayra Martinelli Costa, University of Campinas, Brazil

15:30-15:50

17:30-17:50

Title: Catalytic conversion of lignin derived aromatic ethers under lignin-first conditions

Emilia Paone, Mediterranean University of Reggio Calabria, Italy

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|-------------|-------------|---|
| 15:50-16:10 | 17:50-18:10 | Title: Combining biocatalysis and chemistry for the development of industrial processes

Lucia Steenkamp , CSIR, South Africa |
| 16:10-16:30 | 21:40-22:10 | Title: Comprehensive valorization of agro-industrial waste via green extraction: futuristic food engineering

Owais Yousuf , Integral University, India |
| 16:30-16:50 | 22:00-22:20 | Title: Clay modified with heteropoly acid (HPA) as environmental friendly catalyst for organic synthesis

Chandra Mohan , K R Mangalam University, India |

16:50-17:10 Break

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| 17:10-17:30 | 18:10-18:30 | Title: A green approach for the synthesis of benzaldehyde using zr/natural phosphate heterogeneous catalyst

Laasri Laila , Hassan II University of Casablanca, Morocco |
| 17:30-17:50 | 18:30-18:50 | Title: Preparation of activated carbons from biomass and application as a support for silver nanoparticles in bacterial depollution

Dounia Elbasyouni , University Blida, Algeria |
| 17:50-18:10 | 14:50-15:10 | Title: Environmentally friendly synthesis of catalyst based on chitosan for the degradation of phenolic contaminants

Julieta Lorena Sacchetto , Universidad Nacional de Río Cuarto (UNRC), Argentina |
| 18:10-18:30 | 19:10-19:30 | Title: Micellar Catalysis Strategy of Cross-Condensation Reaction: The Effect of Polar Heads on the Catalytic Properties of Aminoalcohol-Based Surfactants

Zakaria Hafidi , Université HassanII-Casablanca, Morocco |

■ Poster Presentations

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|-------------|-------------|--|
| 18:30-18:40 | 21:30-21:50 | Title: Kinetic study of catalytic hydrogen evolution and 4-nitrophenol reduction reactions on Ag-Pt bimetallic nanoparticles

Shalaka Varshney , Ariel University, Israel |
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18:40-18:50	20:40-20:50	Title: Removal of chlorophenols from aqueous solutions using membrane/electrospun fibers/laccase system Katarzyna Jankowska , Poznan University of Technology, Poland
18:50-19:00	19:50-20:00	Title: Optimising the in vivo biocatalysis of oxygenated and acetylated Taxol precursors in <i>Saccharomyces cerevisiae</i> using advanced bioprocessing strategies Leonardo Rios Solis , University of Edinburgh, United Kingdom
19:00-19:10	20:00-20:10	Title: Obtaining of aluminophosphate xerogels in Al(OH) ₃ -peptizer-H ₃ PO ₄ system Andrew , Belarusian State Technological University, Belarus

Closing Ceremony

Upcoming Webinar:

2nd Edition of Catalysis Virtual 2020

September 21-22, 2020



Contact

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