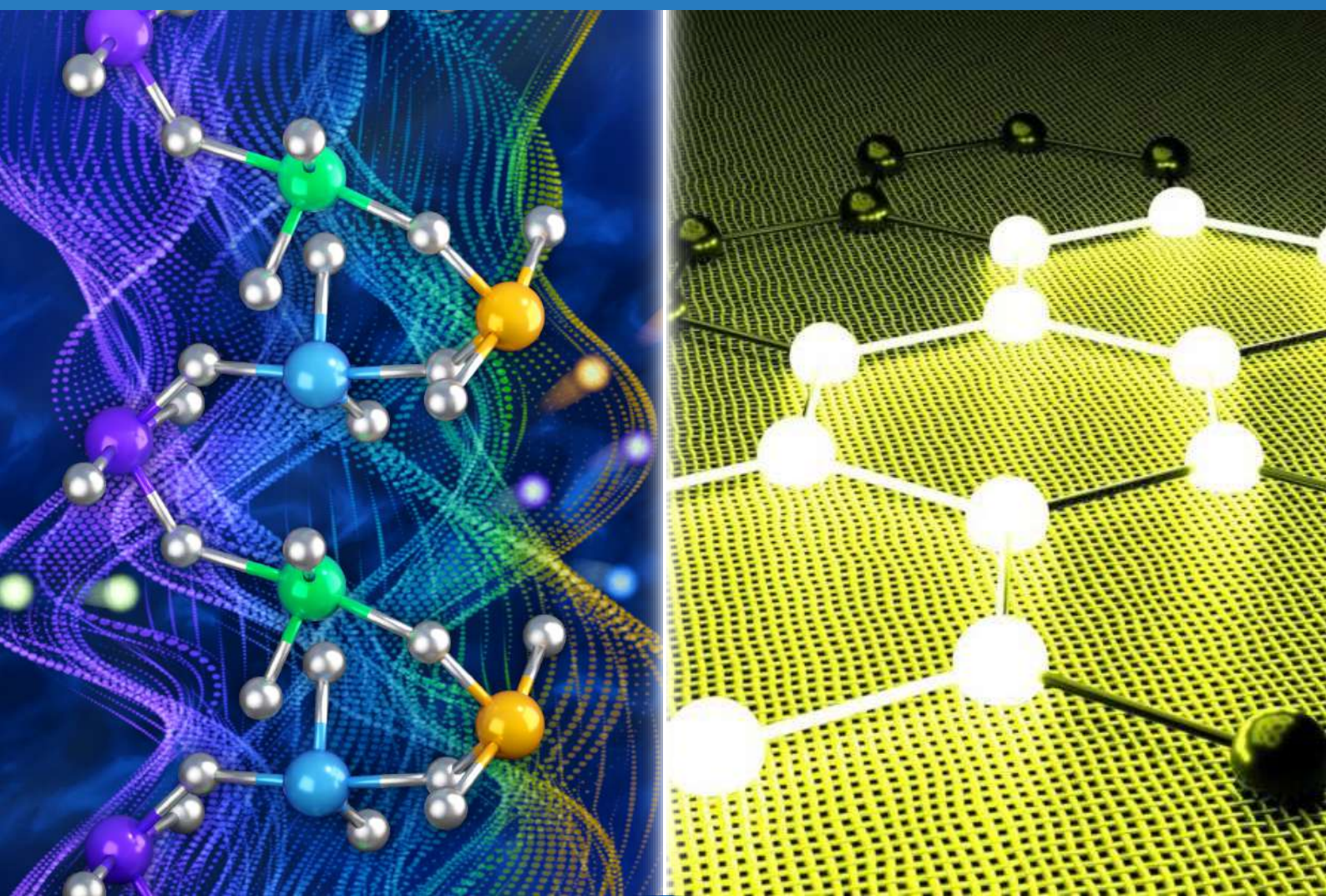


2nd World congress on

CATALYSIS, MATERIAL SCIENCE AND TECHNOLOGY

November 14-15, 2022 | Rome, Italy



Hosting Organization:

Inovine Meetings LLC, 2C Pecan Hill Drive Clinton Mississippi, 39056 USA

Phone: +1-408-648-2233, WhatsApp :+14424441812

E-mail: contact@inovineconferences.com

Day 1

Scientific Program

November 14, 2022

08:30-09:00 @ Registration

09:00-09:30 @ Opening Ceremony

Keynote Forum



09:30-10:10

Title : Self-assembled organosilicon nanolayers on carbon steel. Formation and effect on electrochemical and corrosion behavior of the metal

M.A. Petrunin, Russian Academy of Sciences, Russia



10:10-10:50

Title : Photocatalysis: an Industrial perspective

Gian Luca Guerrini, REair S.r.l., Milan, Italy

10:50-11:10 Group Photo and Break

11:10-11:35

Title : Cobalt based spinel oxides, efficient catalysts for both selective oxidation and dehydrogenation reactions

Gheorghita Mitran, University of Bucharest, Romania

11:35-12:00

Title : BIZEOLCAT, DECADE and OCEAN: Three innovative projects on green catalysis

Lidia Caterina Pellicano, European Research Institute of Catalysis (ERIC). Rond Point Robert Schuman, Belgium

12:00-12:25

Title : Catalytic activity of Iron Oxides in Hydrogenation of Carbon Dioxide

Libor Kvitek, Palacký University Olomouc, Czech Republic

12:25-12:50

Title : Nanoscale Chevrel Phase Mo₆S₈ Prepared by a Molecular Precursor Approach for Highly Efficient Electrocatalysis of the Hydrogen Evolution Reaction in Acidic Media

Amr Elgendy, University of Manchester, United Kingdom

12:50-13:50 Lunch Break @ Restaurant Da Marietto

13:50-14:15

Title : Zeolites as catalysts for the production of liquid fuels from natural gas

Feddag Ahmed, University of Mostaganem, Algeria

Hall-A Zoom Meeting (Hybrid Event) GMT+14:30 AM to 19:00 PM)

14:40-15:05

Title : Identification of solids for true design and precise characterization of functional materials

Bunsho Ohtani, Professor Emeritus, Hokkaido University/Nonprofitable Organization touche NPO, Japan

Keynote Forum (Zoom Meeting)



14:15-14:40

Title : On the Origin of Catalysis of MXene and Related Two-Dimensional Materials

Jinbo Pang, University of Jinan, Institute for Advanced Interdisciplinary Research (iAIR), China

Title : Stereolithographic Additive Manufacturing Using Nanoparticle Paste

15:05-15:30

Soshu Kiriara, Osaka University, Japan

Title : The importance of identifying community characteristics to increase knowledge about stroke

15:30-16:00

Tita Hariyanti, Faculty of Medicine Universitas Brawijaya, Malang, Indonesia

16:00-16:15 Coffee Break

Plenary Speaker



16:15-16:40

Title : Novel Nanotechnology Strategies for Tissue Engineering

Laila M. Montaser, Menoufia University Faculty of Medicine, Egypt

Title : Content-wise public funding to facilitate innovation in advanced materials for energy applications

16:40-17:05

Francesco Matteucci, European Commission, European Innovation Council (EIC-EISMEA), Italy

Title : Hydrogenase activity of tungsten-containing aldehyde oxidoreductase – a new pathway for synthesis of fine chemicals

17:05-17:30

Maciej Szaleniec, Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences, Poland

Title : Bulk and Nano Scale Aspects of Shape Memory Effect in Shape Memory Alloys

17:30-18:00

Osman Adiguzel, Firat University , Turkey

Title : Tuning hydrocracking process parameters

18:00-18:30

Patricia J. Kooyman, University of Cape Town, South Africa

Title : Plastic Trash to Monomers and Intermediates -PTMI

18:30-19:00

Anne M Gaffney, University of South Carolina, USA

18:00-18:30 Posters

Title : Homopolymerizations of lactones and macrolactones as “polyethylene like” polymers

poster A

Sara D'Aniello, University of Salerno, Italy

Title : Amination reductive of phenols: Effect the cluster nature (Rh and Pd) and the reaction conditions.

poster B

Maray Ortega, University of Bio-Bio (UBB), Chile

Panel Discussion

Awards, Thanks giving & Closing Ceremony

Day-1 Ends