

13-14

JUNE 2022

VIRTUAL EVENT

FINAL PROGRAM

2nd Edition of

CHEMISTRY WORLD CONFERENCE

Contact us:

Ph: +1 (702) 988-2320

WhatsApp: +1 (440) 941-2981

Email: chemistry@magnusconference.com

Website: <https://chemistryworldconference.com/>

DAY 01

MONDAY, JUNE 13

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00 - 10:10		Introduction
10:10-10:50	13:10-13:50	Alexander Bagaturyants, Russian Academy of Science, Russian Federation Title: Theoretical modeling in organic nanophotonics
10:50-11:30	12:50-13:30	Karol Heclik, Rzeszow University of Technology, Poland Title: Molecular modeling of imidazoquinazolinedione derivatives
11:30-12:10	14:30-15:10	Osman Adiguzel, Firat University, Turkey Title: Shape reversibility and thermomechanical reactions in shape memory alloys
12:10-12:50	08:10-08:50	Thomas J Webster, Interstellar Therapeutics, United States Title: Beating COVID with nano chemistry

POSTER PRESENTATIONS

12:50-13:00	17:50-18:00	Vikhareva Irina Nikolaevna, Ufa State Petroleum Technological University, Russian Federation Title: Development of environmentally friendly additives for polymer materials
13:00-13:10	16:00-16:10	Irina Karadjova, University of Sofia "St. Kliment Ohridski", Bulgaria Title: U determination in wine and honey from Bulgaria
13:10-13:20	16:10-16:20	Tanya Yordanova, Sofia University St. Kliment Ohridski, Bulgaria Title: Determination of SbIII and SbV in water samples based on highly selective solid-phase extraction with polyvinyl imidazole
13:20-13:30	16:20-16:30	Ivanka Dakova, University of Sofia "St. Kliment Ohridski", Bulgaria Title: Studies on the effect of functional monomers and chelating ligands on the properties of Fe II ion imprinted polymers designed for iron speciation
13:30-13:40	16:30-16:40	Penka Vasileva, University of Sofia "St. Kliment Ohridski", Bulgaria Title: Direct and selective quantification of Cr VI in waste waters with raffinose capped silver nanoparticles as sensitive optical sensor
13:40-13:50	15:40-15:50	Heba Sayed Ahmed Ali Elzahabi, Al AZHAR University, Egypt Title: Quinoxaline antiviral motif between history and future: Urgent need for new antiviral

ORAL PRESENTATIONS

13:50-14:10	21:50-22:10	Hui Sun, Ningxia University, China Title: Controlled fabrication and morphological transformation of polymeric bowl-shaped nanoparticles
14:10-14:30	16:10-16:30	Roksana Trznadel, Adam Mickiewicz University, Poland Title: Synthesis of gemcitabine phosphotriester hybrids and their initial in vitro evolution
14:30-14:50	16:30-16:50	Iwona Budziak Wieczorek, University of Life Science in Lublin, Poland Title: Cocrystal formation of natural flavonoids synthesis, physico chemical assessment, antioxidant and spectroscopic studies
14:50-15:10	17:50-18:10	Valery Pierre Vassiliev, Lomonosov Moscow State University, Russian Federation Title: Heat capacities $C_p(T)$ of the isostructural sphalerite phases as a single system in solid state
15:10-15:30	20:40-21:00	N Gokarneshan, Hindustan Institute of Technology and Science, India Title: Technical aspects of areca fibres
15:30-15:50	21:00-21:20	Sweta Kumari, Indian Agricultural Research Institute, India Title: A novel continuous enzyme coupled colorimetric assay for phospholipase A2 and its application in the determination of catalytic activity of oil body associated oleosin protein
15:50-16:10	18:50-19:10	Anfal M Alkandari, Mansoura university-Egypt sponsored by ministry of health-Kuwait, Kuwait Title: Effect of chemical properties on liposomal encapsulation of radiopharmaceutical tracers
16:10-16:30	18:10-18:30	Anna Lagunas, University of Barcelona, Spain Title: The nanoscale effects of ligand binding on the electrical properties of olfactory receptors
16:30-16:50	18:30-18:50	Paloma Almodovar, Albufera Energy Storage S.L, Spain Title: Dimensionality of MnO ₂ cathodes as a key factor governing kinetics in aluminium-ion batteries
16:50-17:10	18:50-19:10	Domokos Gero, Semmelweis University Medical School, Hungary Title: Cell-based screening for anti-inflammatory drugs with the premise of innate immune tolerance induction
17:10-17:30	19:10-19:30	Luca Vattuone, University of Genoa, Italy Title: Boudouard reaction under graphene cover
17:30-17:50	18:30-18:50	Ana I Faustino, University of Évora, Portugal Title: N methyl N nitrosourea as a carcinogenic agent what is its potential
17:50-18:10	13:50-14:10	Haibo Li, Virginia Tech, United States Title : A-ring modification on MMV008138: Effects on antimalarial potency and microsomal stability, Implications for mode of inhibition

Madhurima Chattopadhyay, Poznan University of Technology, Poland

18:10-18:30

13:10-13:30

Title: Hydration layer of few molecules controls lateral diffusion of lipids in biomembranes

Seongwoo Woo, Addis Ababa Science & Technology University, Ethiopia

18:30-18:50

21:30-21:50

Title: Improving the reliability design of mechanical systems such as refrigerator

Azhar Hajri, Higher Institute of Biotechnology of Beja, University of Jendouba, Tunisia

18:50-19:10

19:50-20:10

Title: Synthesis, characterization and in vitro acaricidal activity of new [1,2,4] triazolo[4,3-b][1,2,4,6]thiatriazine-1,1-dioxides against cattle tick : *Hyalomma scupens*

DAY 02

TUESDAY, JUNE 14

KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30 - 10:00		AV Check
10:00-10:40	13:00-13:40	Valeriy Chernyak, Taras Shevchenko National University of Kyiv, Ukraine Title: Reforming and synthesis of hydrocarbons activated by plasma of gliding discharges in rotating gas flows
10:40-11:20	13:40-14:20	Nickolas Rigopoulos, University of the Aegean, Greece Title: Scanning Probe Microscopy in Food Science: a review
11:20-12:00	16:50-17:30	Kaushala Prasad Mishra, Bhabha Atomic Research Center, India Title: Promise of new thermosensitive liposomes loaded with chemotherapeutic drugs for targeted cancer radiotherapy
12:00-12:40	08:00-08:40	Puru Jena, Virginia Commonwealth University, United States Title: Many faces of gold
12:40-13:20	14:40-15:20	Nicolas Gilles, Paris-Saclay University, France Title: Multidisciplinary approaches to explore and exploit animal venoms as a source of new medicines

ORAL PRESENTATIONS

13:20-13:40	21:20-21:40	Noor Ul Afsar, University of Science and Technology of China, China Title: In-situ interfacial polymerization endows surface enrichment of -COOH groups on anion exchange membranes for efficient Cl-/SO4 ²⁻ separation
13:40-14:00	19:10-19:30	Ankush Gupta, DAV University, India Title: Aggregation-induced emission enhancement (AIEE) phenomenon: A smart phenomenon for sensing applications
14:00-14:20	19:30-19:50	Prateeti Chakraborty, Bangabasi College, India Title: Chemistry of Zn complexes with different non covalent interactions
14:20-14:40	19:50-20:10	S Girish Kumar, CMR University, India Title: Understand the doping mechanism in co-doped TiO ₂ : A case study of C-N-S-TiO ₂
14:40-15:00	19:40-20:00	Najam Ul Hassan, University of Education, Pakistan Title: Composition dependent structural, martensitic and magnetic properties of NiMnCoTi ferromagnetic shape memory alloys
15:00-15:20	19:00-19:20	Saima Farooq, University of Nizwa, Oman Title: Visible-light photocatalysis for wastewater treatment

15:20-15:40	18:20-18:40	Raphael Mechoulam, The Hebrew University of Jerusalem, Israel Title: The endocannabinoids, looking back and ahead
15:40-16:00	20:10-20:30	Sedigheh Ghadamgahi, Azad University, Iran (Islamic Republic of) Title: Change the gold jewellery to active heterogeneous nanocatalysts
16:00-16:20	18:00-18:20	Manar Ahmed Fouad, Alexandria University, Egypt Title: CO from our worst enemy to our best friend: Pd-catalyzed reductive cyclization of beta-nitrostyrenes using phenyl formate as a CO surrogate
16:20-16:40	18:20-18:40	Alaa Adawy, University of Oviedo, Spain Title: Functionalizing metal phosphates to synthesise antimicrobial biomaterials
16:40-17:00	18:40-19:00	Sonia Cantel, University of Montpellier, France Title: Targeting out of range biomolecules chemical labeling strategies for qualitative and quantitative MS based detection
17:00-17:20	19:00-19:20	Martin Pejchinovski, Mosaïques Diagnostics GmbH, Germany Title: Utility of urine peptide markers in diagnosis and prognosis of kidney diseases
17:20-17:40	19:20-19:40	Daniel Koster, Institute for occupational safety and health (IFA) of the German social accident insurance (DGUV), Germany Title: Measurement of aldehydes from ambient air and method validation and proficiency testing using a dynamic test gas facility
17:40-18:00	18:40-19:00	Ez zouhra El Maaiden, African Sustainable Agriculture Research Institute, Morocco Title: A comparative study between conventional and advanced extraction techniques: Pharmaceutical and cosmetic properties of plant extracts
18:00-18:20	21:00-21:20	Vladyslav Cheranovskii, V.N.Karazin Kharkiv National University, Ukraine Title: Quantum phase transitions in frustrated two-leg spin ladder model for nanostructured complexes of transition metals
18:20-18:40	15:20-15:40	Matias Gaston Rinaudo, National University of San Luis, Argentina Title: On the importance of supports when designing supported catalysts. The case of TiO ₂ polymorphic mixes

UPCOMING CONFERENCES

3rd Edition of
Chemistry World Conference
June 19-21, 2023 | Rome, Italy
<https://chemistryworldconference.com/>

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+1 (702) 988-2320

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