

VIRTUAL EVENT

FINAL PROGRAM



CHEMISTRY WORLD CONFERENCE

06-07

SEPT 2021

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GMT Timings	Local Timings	
12:00-12:10		Opening Ceremony

Keynote Presentations

12:10-12:50	15:10-15:50	Title: Theoretical modeling in organic nanophotonics Alexander Bagaturyants , Federal research center Crystallography and Photonics Russian Academy of Science, Russian Federation
12:50-13:30	08:50-09:30	Title: Metallurgical Chemistry Fathi Habashi , Laval University, Canada
13:30-14:10	14:30-15:10	Title: The application of microwave generated steam ovens for the decontamination of respirators and face masks Victor John Law , University College Dublin, Ireland
14:10-14:50	17:10-17:50	Title: Shape reversibility and the role of thermomechanical treatments in shape memory alloys Osman Adiguzel , Firat University, Turkey

Oral Presentations

14:50-15:10	16:50-17:10	Title: Ions and molecules with internal degrees of freedom Klemen Bohinc , University of Ljubljana, Slovenia
15:10-15:30	18:10-18:30	Title: Low-frequency magnetic scanning device for determining the quality of moving metallurgical raw materials Svetlana V. Kochemirovskaia , Peter the Great St. Petersburg Polytechnic University, Russia
15:30-15:50	18:30-18:50	Title: Influence of atmospheric humidity on the results of determining the age of handwritten inscriptions on questioned documents Kseniia O. Ershova , Nanotechnology Research and Education Centre of the Russian Academy of Sciences, Russia
15:50-16:10	17:50-18:10	Title: Safety issues of lithium-ion cells Marita Piglowska , Poznan University of Technology, Poland

16:10-16:30	19:10-19:30	Title: Optimization and validation of HPLC-DAD method for the quantification of curcuminoids in turmeric (<i>Curcuma Longa</i>) Ayşe Sap , Firat University, Turkey
16:30-16:50	19:30-19:50	Title: Improving the fatigue of newly designed mechanical system subjected to repeated impact loading Seongwoo Woo , Addis Ababa Science & Technology University, Ethiopia
16:50-17:10	19:50-20:10	Title: Interaction of anticancer drug gemcitabine with human plasma protein: Experimental and computational analysis Mohd Sajid Ali , King Saud University, Saudi Arabia
17:10-17:30	20:10-20:30	Title: Is it possible to remove SARS-CoV-2 with membranes in water and wastewater? Yasemin Yildiz , Sakarya University, Turkey
Poster Presentations		
17:30-17:40	19:30-19:40	Title: Use of molecularly imprinted polymers (MIPs) and magnetic molecularly imprinted polymers (mag-MIPs) in flowing atmospheric-pressure afterglow mass spectrometry (FAPA-MS) Maria Guc , Adam Mickiewicz University in Poznan, Poland
17:40-17:50	20:40-20:50	Title: Determination of labile copper species in water samples based on solid-phase extraction with ion-imprinted polymer Tanya Yordanova , University of Sofia "St. Kliment Ohridski", Bulgaria
17:50-18:00	20:50-21:00	Title: New polymeric ionic liquid as a smart material for As(V)/As(III) speciation analysis Ivanka Dakova , University of Sofia "St. Kliment Ohridski", Bulgaria

18:00-18:10	21:00-21:10	Title: Adsorption of chromium(III) and manganese(II) on PVA-PEO-TEOS membranes doped with gold nanoparticles: Equilibrium and kinetic study, analytical application for simultaneous speciation of chromium and manganese Penka Vasileva , University of Sofia "St. Kliment Ohridski", Bulgaria
18:10-18:20	21:10-21:20	Title: Ion imprinted polymers for uranium determination by ICP-MS Irina Karadjova , University of Sofia "St. Kliment Ohridski", Bulgaria
18:20-18:30	20:20-20:30	Title: Optimization of rhodanine derivatives synthesis in deep eutectic solvents using different green techniques Maja Molnar , Faculty of Food Technology Osijek, Croatia
18:30-18:40	20:30-20:40	Title: The influence of protein precipitation methods on uncontrolled conversion of cannabidiol to 9-tetrahydrocannabinol during analysis of plasma samples Michal Rombel , Maria Curie-Sklodowska University in Lublin, Poland

END of Day 1

GMT Timings	Local Timings
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Keynote Presentations

12:00-12:40	08:00-08:40	Title: Chemistry beyond conventional wisdom Puru Jena , Virginia Commonwealth University, USA
12:40-13:20	14:40-15:20	Title: Mechanistic insights on heterogeneous photocatalysis for the synthesis of high-value added compounds Francesco Parrino , University of Trento, Italy
13:20-14:00	18:20-19:00	Title: Bio-based membranes for separation of water/oil mixtures Maxim Mironov , SPC Biomicrogel Company Ltd, Russia

Oral Presentations

14:00-14:20	16:00-16:20	Title: Natural and synthetic polyphenols as carbohydrates hydrolyzing enzymes inhibitors Nunzio Cardullo , University of Catania, Italy
14:20-14:40	17:20-17:40	Title: Optimization of ultrasound-assisted extraction of chlorophylls from spinach by-products using response surface methodology and stabilization of the extracted pigments by encapsulation Diana Ioana Buliga , Politehnica University of Bucharest, Romania
14:40-15:00	16:40-17:00	Title: Occurrence and analysis of betainized compounds in fruits Domenico Cautela , Stazione Sperimentale Per Le Industrie Delle Essenze E Dei Derivati Dagli Agrumi, Italy
15:00-15:20	17:00-17:20	Title: Interaction of human Telomeric i-motif DNA with single walled carbon nanotubes. Insights from molecular dynamics simulations Tomasz Panczyk , Polish Academy of Sciences, Poland
15:20-15:40	18:20-18:40	Title: Combinatorial development of proton conducting oxides for hydrogen separation membranes Fatih Piskin , Mugla Sitki Kocman University, Turkey

15:40-16:00	18:40-19:00	Title: Improved perovskite life time by using nano-polymer matrix sandwich structure Yahia F. Makableh , Jordan University of Science and Technology, Jordan
16:00-16:20	18:00-18:20	Title: Symptoms, causes and treatment of people with food allergies in tirana, albania Lorena Memushaj , Aldent Univesity, Albania
16:20-16:40	21:50-22:10	Title: Lotus fibre : The new generation natural fibre N. Gokarneshan , Dr. SNS Rajalakshmi College of Arts and Science, India

Poster Presentations

16:40-16:50	18:40-18:50	Title: K-peptide and osmolytes in solution – spectroscopic and theoretical studies Julia Godlewska , Gdansk University of Technology, Poland
16:50-17:00	13:50-14:00	Title: Electrical characterization of V2O5/POMA deposited by casting technique Elidia Maria Guerra , DQBIO/CAP/UFSJ, Brazil
17:00-17:10	14:00-14:10	Title: Trichloroisocyanuric acid mediated oxidative rearrangement of tetrahydro-b-carbolines Fabiane Manke Nachtigall , Universidad Autonoma de Chile, Chile
17:10-17:20	19:10-19:20	Title: Synthesis of novel 3-substituted coumarin derivatives by transition metal-catalyzed reactions and their antimicrobial and antitumoral evaluations Tatjana Gazivoda Kraljevic , University of Zagreb, Croatia
17:20-17:30	12:20-12:30	Title: Synthesis of chromeno[4,3-b]quinolines through an imine formation/aza-Diels-Alder/aromatization tandem reaction under metal-catalyst and photosensitizer-free conditions and their in vitro antiviral activity Angelica Penaranda Gomez , Universidad Industrial de Santander, Colombia

17:30-17:40 20:30-20:40 Title: Edible food packaging formulations based on renewable resources

Rapa Maria, University Politehnica of Bucharest, Romania

17:40-17:50 19:40-19:50 Title: Self-promoted glycosylation for the synthesis of N-glycosyl sulfonyl amides

Patrycja Mala, Adam Mickiewicz University, Poland

17:50-18:00 20:50-21:00 Title: Rheological behavior of olive oil used as biodegradable lubricant

Ioana Stanciu, University of Bucharest, Romania

Thanking Note and Closing Ceremony

UPCOMING CONFERENCES

10th Edition of Global Conference on
Catalysis, Chemical Engineering and Technology
March 28-30, 2022 | Singapore

11th Edition of International Conference on
Catalysis, Chemical Engineering and Technology
May 16-17, 2022 | Tokyo, Japan

2nd Edition of International Conference on
Green Chemistry and Renewable Energy
May 16-17, 2022 | Tokyo, Japan

2nd Edition of
Chemistry World Conference
June 13-15, 2022 | Rome, Italy

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