

4TH EDITION OF
CHEMISTRY
WORLD
CONFERENCE



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17-19 JUNE, 2024 | **PARIS, FRANCE**



IN-PERSON:

Hotel CIS Paris Ravel, 6 Av. Maurice
Ravel, 75012, Paris, France



VIRTUAL:

Central European Summer Time

DAY 01

Monday, June 17
(In-person)

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-12:10	In-person Keynote Presentations
12:10-15:00	In-person Oral Presentations
15:00-17:00	Workshop
17:20-18:30	In-person Poster Presentations

DAY 02

Tuesday, June 18
(In-person)

08:50-09:00	Opening Remarks
09:00-12:10	In-person Keynote Presentations
12:10-16:00	In-person Oral Presentations

DAY 03

Wednesday, June 19
(Virtual)

08:30-09:00	AV check
09:00-10:20	Virtual Keynote Presentations
10:20-10:30	Virtual Poster Presentation
10:30-17:10	Virtual Oral Presentations
17:10-18:30	Virtual Keynote Presentations

 IN-PERSON
 VIRTUAL

Day 01 Break Timings (In-person)

11:00-11:30	Coffee Break
13:10-14:00	Lunch Break
17:00-17:20	Coffee Break

Day 02 Break Timings (In-person)

11:00-11:30	Coffee Break
13:10-14:00	Lunch Break
16:00-16:20	Coffee Break

Important Note

- The conference follows Central European Summer Time (CEST) for both In-Person and Virtual
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country.
- In-person presentations will take place in the TRICHAUD 2 ROOM @Hotel CIS Paris Ravel and Virtual presentations will take place in Zoom meetings.
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows.

KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@TRICHAUD 2 ROOM

08:00–08:50 | Registrations

08:50–09:00 | Opening Ceremony and Introduction

Moderator:

Iliana Ivanova, Sofia University St. Kl. Ohridski, Bulgaria

09:00–09:40

In-Person

Brian Blagg

University of Notre Dame, United States

Title: The design and development of isoform-selective inhibitors of Hsp90

09:40–10:20

In-Person

Mohamed El Far

Mansoura University, Egypt

Title: Breakthroughs and innovations in photodynamic therapy of tumors by lasers: Overview of our four decades' experience

10:20–11:00

In-Person

Hossam A Gabbar

Ontario Tech University, Canada

Title: Advances in plasma-based waste treatment for sustainable communities

Group Photo

11:00–11:30 | Coffee Break @Foyer

11:30 to 12:10

In-Person

Jean Maruani

LCP-MR / CNRS, France

Title: Quantum theory concepts and biological evolution paths from structure waves in biopolymers

ORAL PRESENTATIONS

Chair:

Brian Blagg, University of Notre Dame, United States

12:10–12:30

In-Person

Sobczak Thepot Joelle

Sorbonne Universite, France

Title: Half-sandwich iridium(III) complexes mechanism of action for anti-cancer therapy: Cytoskeletal proteins and heat-shock proteins as privileged protein targets

12:30–12:50

In-Person

Iliana Ivanova
Sofia University, Bulgaria

Title: Sol – gel synthesis of silica – poly (vinylpyrrolidone) hybrids with improved antibacterial properties

12:50–13:10

In-Person

Moti Herskowitz
Ben-Gurion University, Isreal

Title: Hydrogenation of CO₂ on Fe-based catalysts: Preferred route to renewable liquid fuels

13:10–14:00 | Lunch @Restaurant

14:00–14:20

In-Person

Abdel Ilah Rouboa
University of Porto, Portugal

Title: Syngas and power generation from date palm waste steam gasification

14:20–14:40

In-Person

Xin Cui
Mississippi State University, United States

Title: Selective and sustainable catalysis for transforming C–H bonds

14:40–15:00

In-Person

Radoslaw Banasz
Adam Mickiewicz University, Poland

Title: Investigation of phenyl and triphenylamine-based star-shaped viologens for electrochromic applications

WORKSHOP

15:00–17:00

In-Person

Thomas Webster
Hebei University of Technology, China

Title: Artificial intelligence for the design of improved bio chemistries

17:00–17:20 | Coffee Break @Foyer

(17:20-18:30) POSTER PRESENTATIONS

P1

In-Person

M. Belén Gómez-Mancebo
CIEMAT, Spain

Title: Development of a methodology for ferrites evaluation by WDXRF

P2

In-Person

M. Belén Gómez-Mancebo
CIEMAT, Spain

Title: Radioactivity and heavy metal levels in mining areas of the state of Zacatecas, Mexico

P3

In-Person

Ying-Huang Lai
Tunghai University, Taiwan

Title: Nickel single atoms enhance graphitic carbon nitride for superior photo-electrocatalytic hydrogen evolution

P4

In-Person

Zoia Voitenko
Taras Shevchenko National University of Kyiv, France

Title: Little-known condensed isoindoles transformations

P5

In-Person

Yarely A. Rodriguez Lucart
Universidad de Talca, Chile

Title: Aniline quinones produce mitochondrial dysfunction and migrastatic effect on triple-negative breast cancer line MDA-MB-231

P6

In-Person

Júlia Adorno Barbosa
Brazilian Center for Research in Energy and Materials, Brazil

Title: 4.0 wearable plant sensor: Solving obstacles toward the long-term, accurate, and remote monitoring of water loss from plants under variable microclimate

P7

In-Person

Norah A. Alsaari
Najran University, Saudi Arabia

Title: Phytochemical screening and anti-microbial activity of methanolic and aqueous extract of pink cabbages and red grape

P8

In-Person

Oiga Pshenitsyna
Perm State Agro-Technological University, Russia

Title: Nucleophilic functionalization of trotyl salts by heterocyclic amines, amides or hydrazides of carboxylic acids

P9

In-Person

Tofik Nagiev
Research Center, Azerbaijan

Title: Oxidative transformation of ethylene into ethyl alcohol and acetaldehyde under the per-FTPPhPFe₃+OH/Al₂O₃ bioimitator

P10

In-Person

Mira R. Bissengaliyeva
Institute of Problems of Complex Development of Mineral Resources, Kazakhstan

Title: Method for correcting experimental values of the heat capacity of REE compounds by the debye temperature

P11

In-Person

Neila Bekturganova
International Educational Corporation, Kazakhstan

Title: The use of polysiloxanes to improve the performance properties of cement

P12

In-Person

Zoraya Elena Lopez Cabana
Chemistry Institute of Natural Resources, University of Talca, Chile

Title: Selenium Nanoparticles Stabilized in Tannic Acid: An innovative approach for combating infections caused by H. Pylori or Candida albicans

DAY 2

IN-PERSON

JUNE 18, 2024

Tuesday

KEYNOTE PRESENTATIONS

Central European Summer Time (CEST)

@TRICHAUD 2 ROOM

08:50–09:00 | Opening Remarks

Moderator:

Rajiv Kashyap, University of Hull, United Kingdom

09:00–09:40

In-Person

Yong-Xiao Wang

Albany Medical College, United States

Title: Novel therapeutics for common and devastating chronic obstructive pulmonary disease

09:40–10:20

In-Person

Stanislaw Dzwigaj

Sorbonne Universite, France

Title: Co₂-assisted dehydrogenation of propane to propene over Zn-BEA zeolites: Impact of acid-base characteristics on catalytic performance

10:20–11:00

In-Person

Patrick Martin

Universite d Artois, France

Title: TBA

11:00–11:30 | Coffee Break @Foyer

11:30–12:10

In-Person

Sergey Suchkov

The Russian University of Medicine & Russian Academy of Natural Sciences, Moscow, Russia

Title: Personalized and Precision Medicine (PPM) as a unique healthcare model to be set up through biodesign-inspired, biotech-driven, chemical and bioengineering, translational applications and upgraded biomarketing to secure the human healthcare and biosafety

ORAL PRESENTATIONS

Chair:

Yong-Xiao Wang, Albany Medical College, United States

12:10–12:30

In-Person

Sergey Suchkov

The Russian University of Medicine & Russian Academy of Natural Sciences, Moscow, Russia

Title: Antibody-proteases as natural and translational tools of the next step generation to be applied for biodesign-driven biotech and personalized and precision medical practice

12:30–12:50

In-Person

Rajiv Kashyap

University of Hull, United Kingdom

Title: Investigating the electrochemical potential for mesoporous sugarcane bagasse biochars as supercapacitors

12:50–13:10

In-Person

Merzouk Zatout

Kasdi Merbah University, Algeria

Title: Modeling of water flooding effects during enhanced oil recovery

13:10–14:00 | Lunch @Restaurant

14:00–14:20

In-Person

Jerry T. Thornthwaite

Cancer Research Institute of West Tennessee, United States

Title: Nutrananospheres for nutraceutical delivery systems

14:20–14:40

In-Person

Sevda Mozaffari

Tobacco Prevention and control Research center, Iran

Title: Evaluation of the effects of PAKDAM, an invented device to get nitrous oxide and oxygen, in the consumers : A report of pilot study in Tehran 2022

14:40–15:00

In-Person

Kazeem Joshua Oluwatoyin Sholotan

Ogun State Institute of Technology Igbesa, Nigeria

Title: Comparative analysis of synthesized waltheria indica leaf and euphorbia maculata herb zinc nanoparticle

15:00–15:20

In-Person

Dae Dong Sung

Samse Medical Center, Korea

Title: The role of chemistry in contribution to biomedicine recently

15:20–15:40

In-Person

S.K.Bandyopadhyay

Variable Energy Cyclotron Centre, India

Title: Multifunctional nanostructured materials: A new dimension for energy storage materials

15:40–16:00

In-Person

Ananda Kumar

Anna University, India

Title: TBA

16:00–16:20 | Coffee Break @Foyer

16:20–16:40

In-Person

Maria Cristina Gamberini

Università di Modena e Reggio Emilia, Italy

Title: Microplastics in marine environments: Raman identification and characterization

16:40–17:00

In-Person

Maria Cristina Gamberini

Università di Modena e Reggio Emilia, Italy

Title: Study of several antimicrobials, physical proprieties

KEYNOTE PRESENTATIONS

CEST

Local Timings

@ZOOM MEETING

08:30–09:00 CEST | AV check

Moderator:

Silvia Elizabeth, Universidad de Buenos Aires, Argentina

09:00–09:40

09:00–09:40

Pier Giorgio Righetti
Politecnico di Milano, Italy

Title: Stroboscopic flashes on the netherworld

09:40–10:20

13:10–13:50

Kaushala Prasad Mishra
Nehru Gram Bharati University, India

Title: Promise of herbal drugs in improving cancer radiotherapy

POSTER PRESENTATION

10:20–10:30

16:20–16:30

Vladimir Voronov
Irkutsk National Research Technical
University, Russian Federation

Title: Use of high-resolution NMR spectra transformed by paramagnetic complexes for studying molecular structure

ORAL PRESENTATIONS

10:30–10:50

11:30–11:50

Boris Stul
Sintez Research Institute, Russian
Federation

Title: Kinetics of the oxyethylation reaction of alcohol taking into account the influence of association. Apparent rate constants in the liquid phase chemical kinetics

10:50–11:10

16:50–17:10

Zhongyue Zhou
Shanghai Jiao Tong University, China

Title: Thermochemical conversion of biomass: Probing oligomeric intermediates with online high-resolution mass spectrometry

11:10–11:30

17:10–17:30

Xi Chen
Harbin Institute of Technology, China

Title: Chemically induced proximity regulates protein function and degradation

11:30–11:50

11:30–11:50

Ola Michałkiewicz
Adam Mickiewicz University, Poland

Title: The potential of drug release systems in the treatment of ocular diseases

11:50–12:10 11:50–12:10

Eva Falomir

Jaume I University, Spain

Title: Aryl azole derivatives as potential disruptors of tumor microenvironment

12:10–12:30 13:10–13:30

Theodosios Geo Douvropoulos

Hellenic Naval Academy, Greece

Title: Resonant transport time in Al_xGa_{1-x}As/GaAs nanostructures and mass discontinuity: A semiclassical path integral approach

12:30–12:50 13:30–13:50

Asiful Hossain Seikh

King Saud University, Saudi Arabia

Title: Effect of Micaceous Iron Oxide(MIO) and nano crystalline al on the electrochemical behavior of aliphatic amine cured epoxy coating

12:50–13:10 16:20–16:40

Shree Niwas Chaturvedi

Centre For Aptitude Analysis & Talent Search, India

Title: Water splitting technology for efficient thermal energy conversion process

13:10–13:30 14:10–14:30

Osman Adiguzel

Firat University, Turkey

Title: Thermomechanical processes and transformations in shape memory alloys

13:30–13:50 13:30–13:50

Karen J Cloete

University of South Africa, South Africa

Title: Multidimensional analysis of nanofertilizers

13:50–14:10 13:50–14:10

Shawn Gouws

Nelson Mandela University, South Africa

Title: Characterization of Ir-based catalysts for PEM electrolyser

14:10–14:30 09:10–09:30

Silvia Elizabeth

Universidad de Buenos Aires, Argentina

Gisela Celeste Muscia

Universidad de Buenos Aires, Argentina

Title: Synthetic quinolines and related heterocycles in the discovery of new agents against *M. tuberculosis* and NTM

14:30–14:50 09:30–09:50

Jinsong Wu

University of Chile, Chile

Title: Environmental sustainability and intelligence as well as general green technologies

14:50–15:10 13:50–14:10

Awad I. Ahmed

Mansoura University, Egypt

Title: The role of reduce graphene oxide content on the adsorption-enhanced photocatalysis and antibacterial activity of reduced graphene oxide/ bismuth tungstate nanocomposites

15:10–15:30

18:10–18:30

Ruzumboy EshchanovChirchiq State Pedagogical University
in Tashkent region, Uzbekistan

Title: Theory of transformation in atomic and nucleon orbitals

15:30–15:50

17:00–17:20

Farshad AkbarnejadDr. Akhavi Lab Co, Iran (Islamic
Republic of)Title: The role of green tea (*Camellia Sinensis*) in the management of AndroGenetic Alopecia (AGA): A review

15:50–16:10

17:20–17:40

Farshad AkbarnejadDr. Akhavi Lab Co, Iran (Islamic
Republic of)Title: *Malva sylvestris* L. Application in dermatology

16:10–16:30

10:10–10:30

Brij Bhushan Tewari

University of Guyana, Guyana

Title: Phytochemical analysis, antifungal and antibacterial screening of *artocarpus altilis*: Guyana flora extracts

16:30–16:50

10:30–10:50

Srinivasan JayakumarRensselaer Polytechnic Institute,
United States

Title: Identification of transthyretin tetramer kinetic stabilizers to inhibit retinol-dependent RBP4–TTR interaction: Novel therapeutics for macular degeneration and transthyretin amyloidosis

16:50–17:10

20:50–21:10

Xibo Yan

Tianjin University, China

Title: The construction and application of photoactivated polymer colloidal motors

KEYNOTE PRESENTATIONS

17:10–17:50

10:10–10:50

Haibo Ge

Texas Tech University, United States

Title: Distal functionalization via transition metal catalysis

17:50–18:30

08:50–09:30

Qiang ZhangOak Ridge National Laboratory,
United StatesTitle: Correlation between crystal structure, magnetic order, and topological states in $\text{Co}_3\text{Sn}_2\text{S}_2$

ORAL PRESENTATIONS

18:30–18:50 09:30–09:50

Emil Kartalov

Naval Postgraduate School,
United States

Title: A solution to the clearance problem of sacrificial material in 3D printing of microfluidic devices

18:50–19:10 09:50–10:10

Chung Yuan Kung

National Chung Hsing University,
Taiwan

Title: The formation of the four-way symmetric translational tiles (crystal) and corresponding unit cells

19:10–19:30 10:10–10:30

Malachi Warneke

University of California, United States

Title: The formation of the periodic translational Penrose tiles (crystal) and their corresponding unit cells

END NOTE

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*We wish to meet you again at our
upcoming events*

5th Edition of
Chemistry World Conference
May 19-21, 2025 | Tokyo, Japan | Hybrid Event
<https://chemistryworldconference.com/>

Questions? Contact

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