

**? WHO
SHOULD
ATTEND**

Directors, CEOs | Association presidents | Vice Presidents and professionals | Chemistry Researchers & Academicians | Chemistry Scientists | Clinical Services Managers | Healthcare Workers, Druggist | Drug developers | Research Laboratories | Drug development companies | Research Institutes and members | Supply Chain companies | Chemistry Startup companies | Manufacturing Companies | Training Institutes | Business Entrepreneurs and Students | Young Investigators

EURO CHEMISTRY CONGRESS

APRIL 02-03, 2020 | PARIS, FRANCE

Venue

Mercure Paris Charles De Gaulle
Airport & Convention

BP 20248 -Roissypôle Ouest -Route
de la commune -95713
Roissy CDG Cedex

2

DAYS WITH MORE
THAN 45 SESSIONS,
KEYNOTES & TALKS

12+

INNOVATIVE
FEATURED
SPEAKERS

20+

HOURS OF
NETWORKING
EVENTS

60+

INTERNATIONAL
SPEAKERS

125+

EDUCATIONAL
SESSIONS

Welcome Message



Dear Euro-Chemists and colleagues around the World!

Let me extend my warm greetings to all participants of the “Euro Chemistry Congress” in Paris, France during April 02-03, 2020.

Our theme, “Novel Trends and Approaches in the field of Chemistry”, seems to be an ordinary duty for all natural scientists nowadays since the great modern chemistry with novel trends is everywhere around and inside us! Biochemistry, Nano-medicine, Catalysis and Organic Electronics develop like forest fire lighted up by incendiary quantum approaches. I hope that our Congress will shed new light on various branches of experimental and theoretical chemistry and wish you emotional and fruitful couple of days in spring Paris!

Boris Minaev

Head of Chemistry and Nano-material Science Department,

Bogdan Khmel'nitsky National University in Cherkasy.

The Honoured Scientist of Ukraine

Professor Emeritus of the Royal Institute of Technology, Stockholm.

PRESENTATION FORUM

KEYNOTE FORUM / MINI-PLenary SESSIONS

Presentations under Keynote Forum or Mini-Plenary Sessions includes abstracts with remarkable research value selected by the program committee. These significant speeches are delivered by globally recognized honorable speakers and it is open to all registrants.

DISTINGUISHED SPEAKERS FORUM (ORAL ABSTRACT SESSIONS)

In this forum, speakers and experts of the research field gets an opportunity to showcase their noble research work that involves comprehensive research findings. These formal oral presentations include a wide range of talks covering basic research to advanced research findings in accordance to the theme and scientific sessions of the conference.

STUDENT FORUM

POSTER SESSION

This session is particularly introduced to encourage more number of student participation at international conferences, however it is not restricted only to students since it is also available for the participants with language barrier. There are specific guidelines to be followed to prepare the poster. Poster topic should be selected only from relevant scientific sessions with in-depth technical details.

YOUNG INVESTIGATORS FORUM

An exclusive opportunity for students and young investigators to present their research work through a formal oral presentation. Young Investigators Forum provides a global platform for young researchers and scholars to showcase their valuable contribution to the scientific world and to get acknowledged by the global scientific community of experts. It is an excellent opportunity to recognize young scientific assets with promising research ideas. These oral presentations are of shorter time duration with 10-15 minutes of informative and precise presentations in relevant scientific sessions.

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TIME TO
CONNECT
WITH YOUR
PEERS



Register & Participate

in

EURO CHEMISTRY

2020

TYPES OF
ACADEMIC
REGISTRATIONS

**SPEAKER
REGISTRATION**

COMBO A
(Registration + 2 night's accommodation)

COMBO B
(Registration + 3 night's accommodation)

DELEGATE REGISTRATION



EDUCATIONAL WORKSHOPS/ RESEARCH WORKSHOPS/CORPORATE WORKSHOPS/MINI- SYMPOSIA

With an aim of transferring knowledge among the participants, workshops are introduced as a part of international conferences. These interactive and occasionally practical sessions gives an opportunity for participants to engage in detail discussion. Workshops are mostly scheduled for 60 to 90-minutes. It may range from learning about a specific topic relevant to international education, products and research which sometimes involves practical demonstration. It helps in enhancing skills, knowledge and understanding of the research field in depth through interactive discussions.

HIGHLIGHTS OF THE DAY SESSIONS

“Highlights of the Day Sessions” is introduced to discuss and focus a ray upon previous day ORAL ABSTRACT presentations by experts to summarise the key findings. It helps in getting better insights into the various dimensions of the topic.

EDUCATIONAL SESSIONS/ TRAINING PROGRAMS

Educational Sessions or training programs are specifically designed for a better understanding of the latest findings and technologies. These are generally 45-minute sessions that gives an exposure to the multidisciplinary field, that provides in-depth learning experiences and address educational needs.

MEET THE PROFESSOR @ NETWORKING SESSIONS

This session involves open discussion between the experts and session attendees, it gives enough time for getting answers to specific questions and doubts. It is an opportunity for attendees to increase their professional networking, sometimes also leads to an excellent collaboration opportunity.

SCIENTIFIC TRACKS/ SESSIONS

Analytical Chemistry | Agricultural Chemistry | Biochemistry | Chemistry of Transition Elements | Chemical Engineering | Electrochemistry | Environmental Chemistry | Food Chemistry | Forensic Chemistry | Geochemistry | Green Chemistry | Industrial Chemistry | Inorganic chemistry | Nanotechnology | Materials science | Medicinal Chemistry | Metallurgy | Molecular biology | Natural Product Chemistry | Neurochemistry | Organic Chemistry | Petrochemistry | Physical chemistry | Polymer chemistry | Radiochemistry

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TYPES OF BUSINESS REGISTRATIONS

SPEAKER REGISTRATION

COMBO A

(Registration + 2 night's accommodation)

COMBO B

(Registration + 3 night's accommodation)

DELEGATE REGISTRATION

TYPES OF STUDENT REGISTRATIONS

REGISTRATION

YIF

COMBO A

(Registration + 2 night's accommodation)

COMBO B

(Registration + 3 night's accommodation)

POSTERS

TYPES OF ADDITIONAL REGISTRATIONS

Accompanying Person

E-Poster

Virtual Presentation

Workshops

Start-Ups



Concurrent Educational Sessions

THURSDAY, APRIL 02, 2020

ANALYTICAL CHEMISTRY

- Applications of analytical chemistry
- Chromatography
- Electrochemical analysis
- Hybrid techniques related to analytical Chemistry
- Lab-on-a-chip
- Mass spectrometry
- Microscopy
- Qualitative and quantitative analysis
- Separation
- Spectroscopy
- Thermal analysis

AGRICULTURAL CHEMISTRY

- Agricultural biotechnology
- Technology and sustainable agriculture best practices
- Climate change impacts, mitigation and adaptation
- Renewable energy sources and sustainable agriculture
- Greenhouses and horticulture
- Agricultural machinery
- Fertilisers and chemicals
- Irrigation and water management
- Nanotechnologies in agriculture

BIOCHEMISTRY

- Biochemistry methods
- Bioinorganic chemistry
- Biology and pharmacology of chemical elements
- Chemical ecology
- Chemical pathology
- Clinical Biochemistry and Nutrition
- Metabolisms
- Neurochemistry
- physiological biochemistry
- Reagents for biochemistry

CHEMISTRY OF TRANSITION ELEMENTS

- Characteristics of transition elements
- Electronic configuration
- Chemical formula
- Ligand binding
- causes of colour compounds of transition elements
- complex compound formation
- coordination complexes
- transition metal Dinitrogen complexes

GROUP PHOTO

COFFEE BREAK

CHEMICAL ENGINEERING

- Etymology
- Process design and analysis
- Chemical reaction engineering,
- Heat-transfer equipment
- New concepts and innovations in chemical Engineering
- Nuclear engineering
- Safety and hazard assessments
- Separation columns (distillation, absorption and extraction)

ELECTROCHEMISTRY

- Bipolar electrochemistry
- Electroanalytical method
- Electrochemical energy conversion
- Electrochemical engineering
- Electrochemical impedance spectroscopy
- Electrochemical potential
- Fuel cells
- Nanoelectrochemistry
- Photoelectrochemistry
- Redox titration

ENVIRONMENTAL CHEMISTRY

- Radiochemicals
- Aquatic chemistry
- Atmospheric chemistry
- Bioassays and immunoassay
- Environmental measurement and monitoring
- Environmental monitoring
- Environmental quality parameters related to fresh water
- Gravimetric, titrimetric and electrochemical methods
- Pollution

FOOD CHEMISTRY

- Food engineering
- Food fortification
- Food microbiology
- Food packaging
- Food physical chemistry
- Food preservation
- Food rheology
- Food safety
- Food science
- Food storage
- Food supplements
- Food technology

LUNCH BREAK

FORENSIC CHEMISTRY

- Ballistic fingerprinting
- Bloodstain pattern analysis
- Encompasses organic and inorganic analysis
- Fingerprint analysis
- Forensic data analysis
- Forensic toxicology
- Investigating the physical and chemical properties
- Scientific methods for analyzing evidences

GEOCHEMISTRY

- Aqueous geochemistry
- Biogeochemistry
- Concepts of energy, entropy and fundamental thermodynamics
- Earth crust
- Giant planets
- Isotope geochemistry
- Organic geochemistry
- Petrology
- Photogeochemistry
- Radiogenic isotope geochemistry
- Regional geochemistry

GREEN CHEMISTRY

- Biocatalysts in organic synthesis
- Bioremediation
- Designing a green synthesis
- Disaster management
- Environmental engineering science
- Environmental pollution
- Green catalysts
- Green chemistry in day-to-day Life
- Green computing
- Green engineering
- Green synthesis
- Sustainable engineering

INDUSTRIAL CHEMISTRY

- Chemical plants development
- Food microbiology
- Green water treatment
- Industrial photo chemistry
- Industrial water supply
- Petroleum refining and petrochemicals
- Pyrolysis
- Ultrapure water production
- Waste water treatment
- Water treatment using different types of nanomaterials

COFFEE BREAK

INORGANIC CHEMISTRY

- Bioinorganic chemistry
- Bioorganometallic chemistry
- Ceramic chemistry
- Cluster chemistry
- Coordination chemistry
- Materials science
- Organometallic chemistry

MATERIALS SCIENCE

- Biomaterial
- Bioplastic
- Ceramic engineering
- Crystallography
- Metallurgy
- Polymer science and polymer engineering
- Surface science
- Tribology

MEDICINAL CHEMISTRY

- Chemical synthesis
- Chemicals in medicine
- Drug design
- Drug discovery
- Medicinal inorganic chemistry
- Medicinal radiochemistry
- Natural products
- Pharmacokinetics
- Pharmacology

METALLURGY

- Archaeometallurgy
- CALPHAD
- Carbonyl metallurgy
- Cupellation
- Experimental archaeometallurgy
- Gold phosphine complex
- Goldbeating
- Metallurgical failure analysis
- Mineral industry
- Pyrometallurgy

Concurrent Educational Sessions

FRIDAY, APRIL 03, 2020

MOLECULAR BIOLOGY

- Central dogma of molecular biology
- Genetic code
- Genome
- Molecular engineering
- Molecular microbiology
- Molecular modeling
- Protein interaction prediction
- Proteome
- Cell biology

NATURAL PRODUCT CHEMISTRY

- Carbohydrates
- Aromatic compounds
- Terpenoids
- Steroids
- Amino acids, peptides and proteins
- Alkaloids
- Nucleosides, nucleotides and nucleic acids
- Porphyrins
- Aliphatic compounds
- Primary metabolites

NANOTECHNOLOGY

- Energy applications of nanotechnology
- Environmental benefits of nanotechnology
- Molecular nanotechnology
- Nanobiotechnology
- Nanoelectromechanical relay
- Nanoengineering
- Nanometrology
- Nanotechnology in water treatment
- Nanoweapons
- Wet nanotechnology

NEUROCHEMISTRY

- Molecular neuroscience
- Neuroendocrinology
- Neurogenesis
- Neuroimmunology
- Neuromodulation
- Neuropharmacology
- Neuroplasticity or synaptic plasticity
- Signal transduction

GROUP PHOTO

COFFEE BREAK

ORGANIC CHEMISTRY

- Ethers
- Alcohol
- Aldehydes
- Amine
- Aromaticity
- Carboxylic derivatives
- Chemical Reactivity
- Haloalkanes
- Haloarenes
- Hydrocarbons
- Intermolecular forces
- Ketones
- Nomenclature
- Phenol

PETROCHEMISTRY

- Advanced oil and gas technologies
- Drilling and well operation technology
- Environmental hazards of petroleum
- Hydraulic fracturing
- Oil refining
- Petroleum engineering and its industrial application
- Petroleum geology and geo-physical exploration

PHYSICAL CHEMISTRY

- Thermochemistry
- Chemical kinetics
- Quantum chemistry
- Electrochemistry
- Photochemistry
- Surface chemistry
- Solid-state chemistry
- Spectroscopy
- Biophysical chemistry
- Materials science
- Physical organic chemistry
- Micromeritics

POLYMER CHEMISTRY

- Polymerization Techniques
- Biodegradable Polymers
- Bioplastics
- Biopolymers & Biomaterials
- Ionic chain-reaction and complex coordinative polymerization
- Naturally occurring polymers
- Organic and inorganic polymers
- Polymer Synthesis
- Polymers For Emerging Technologies
- Rheology

LUNCH BREAK





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April 02-03, 2020 | Paris, France

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Featured Speakers

Presentation Titles

Hector M Guevara

NuEnergy Technologies Corp,
USA

Highly-Efficient Thermoelectronic Conversion of Solar Energy and Heat into Electric Power With Special Consideration for the Integration and use of Graphene Membranes with the Hydrogen Output from our Turbine, for the desalinization and production of Potable WATER As Designed, Reviewed, and Postulated by H.M. Guevara

Phuong Nguyen-Tri

Université du Québec à Trosi-
Rivieres, Canada

Nanoscale characterization of polymer crystallization

Franz-Josef Meyer-Almes

University of Applied
Sciences Darmstadt,
Germany

Protein-ligand binding kinetics

Jan W Dobrowolski

AGH University of Science
and Technology, Poland

Lifelong Learning for Common Action of Experts and Society Promoting Innovative Green Chemistry for Bioeconomy-based Sustainable Development

Jan W Dobrowolski

AGH University of Science
and Technology, Poland

Innovative biomimetic green chemistry for construction resistance to earthquake, strong wind and climate change

Alexander O. Terent'ev

Russian Academy of
Sciences, Russian Federation

Hydrogen peroxide as green reagent in organic synthesis

K Volcho Novosibirsk Institute of Organic Chemistry, Russia	Tdp1 Inhibition as a Promising Approach to New Antitumor Drugs
V Perminov Tomsk Polytechnic University, Russia	Mathematical modeling of forest fires initiation and spread
Evgenii Krasikov National Research Centre Kurchatov institute, Russia	Interaction of hydrogen with nanoscale structures in irradiated steel
I Gablina Geological Institute of the Russian Academy of Sciences, Russia	Geochemical formation conditions of polymetallic sulfide ores
Joe Shapter University of Queensland, Australia	Enhancing Solar Cells using Nanomaterials
John Owen Roberts Open University, UK	Condensed Matter Nucleosynthesis Phase Transitions via the Roberts-Janet Nuclear Periodic Table
Saeed Farrokhpay University of Lorraine, France	Using rheology data to understand mineral flotation process performance
Andrea Cormano Baselice (BN), Italy	Chemicals and Multiple Chemical Sensitivity (MCS)
Bartolome Ribas-Ozonas Royal National Academy of Pharmacy, Spain	Synergism in physiological effects between low electromagnetic fields (ELMF) and heavy metals (Hg,Pb) on mice cerebral structures
Chibao Huang Zunyi Normal University, China	A Two-Photon Fluorescence Probe for Zinc Ions in Live Cells and Tissues with Large Two-Photon Action Cross Section
Boris Minaev Bohdan Khmelnytsky National University, Ukraine	Theory and Calculation of the Phosphorescence Phenomenon

Musa M. Musa King Fahd University of Petroleum and Minerals, Saudi Arabia	Deracemization and Stereo-inversion of Secondary Alcohols Using a Single Enzymatic Approach
Moustafa Khalifa Ministry of Health, Kuwait	Analysis of three synthetic phosphodiesterase type -5(PDE-5) inhibitors and some of their analogues illegally adulterated in herbal products using High Performance liquid Chromatography –Photodiode Array combined with Electrospray Ionization –Mass Spectrometry.
Ahmed M Omer SRTA-City, Egypt	Development of pH-sensitive microcapsules based-biopolymers as oral drug delivery system
M Sarojadevi Anna University, India	Quinoline containing cyanate ester/epoxy blends and their properties
D K Belsare Bhopal University, India	Bioeconomic Perspectives for Sustainable Development of Melghat Region
Annapurna Boruah University of Petroleum and Energy Studies, India	Kerogen Kinetics and Current Trend in Pyrolysis of Gas Shales
Tzu-Yu Tseng Chung Yuan Christian University, Taiwan	Effect of Halogen Atom Substitution on the Luminescent Properties of Imidazole-based Materials
Mahdi Hadi Tofigh Daru Research & Engineering Company, Iran	The optimization of porous collagen Nano scaffold on cultured human chondrocytes in cartilage tissue engineering
S. khamenehasl University of Tabriz, Iran	Synthesis and photo electrochemical activity of Titanium dioxide / Copper oxide / graphene Nano composites
H Saiah Hassiba Benbouali University	Identification and wound healing activity of polyphenols extracted from Jujube leaves with high-performance liquid chromatography coupled with mass spectrometry detection (HPLC–PDA–ESI-MS) high-performance liquid chromatograph
Nezha Sekkal-Taleb University of Djillali Liabes of Sidi bel Abbas	A docking molecular calculations on D - Mannose for the treatment of urinary infection caused by e-Coli bacteria

S Brahim
University of Saida

Computational Study of the Electronic Absorption Spectra of Ni(II), Pt(II) and Pd(II) Photosensitizers Complexes Used in Sensitized Solar Cells (DSSC).

S.M.L. Seddiki
University center of Naâma

Biofilm formation and resistance of emerging strains of *Candida nonalbicans* to conventional antifungal agents

Nadia Benzidane
Setif 1 University

In Vitro Bronchorelaxant Effects of *Capparis Spinosa* Aqueous Extracts on Rat Trachea

A A Motallebi Moghanchoghi
Islamic Azad University

Isolation and identification of antibacterial steroid compounds from *Ulva fasciata* in the Persian Gulf

Pourya Zarshenas
Shahid Beheshti University

A Triazol containing Uio-type metal-organic framework as highly efficient CO₂ capture and catalytic conversion

R A Yossa Kamsi
University of yaounde

Computational study of reactivity and solubility of Rubescin D and E molecules in gas phase and in solvent media using Hartree-Fock and DFT methods

Topwe Milongwe Mwene-Mbeja
University of Lubumbashi

Enzymatic reactions in the production of biomethane from organic waste

Amina Boussadia
University Oran1 Oran, Algeria

Salvia officinalis treatment on Aluminum induced neurotoxicity



Contact Us

Program Director | Euro Chemistry 2020

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NETWORKING...CONFERENCING...FOSTERING

ATTENDING A CONFERENCE ISN'T ALL ABOUT LEARNING AND NETWORKING

DISCOVERING

A NEW PLACE , PEOPLE AND CULTURE

A right choice of conference destination is an important aspect of any international conference and keeping that in consideration, Euro Chemistry 2020 is scheduled in the Beautiful city "Paris".



Avenue des Champs Élysées



Bustling Boulevards and
Legendary Cafés



Cathédrale Notre Dame de



Arc de Triomphe



Eiffel Tower



Luxembourg Gardens



Musical Concerts at
Sainte Chapelle



Musée d'Orsay



Musée du Louvre



Palais Garnier, Opéra
National de Paris



Place de la Concorde



Seine River Cruises

Connect with us



Venue

**Mercure Paris Charles De Gaulle
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