

8th European Chemistry Congress

June 21-23, 2018 | Paris, France



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Amsterdam

conference**series.com** 09:30-09:50

Opening Ceremony

Keynote Forum

09:50-10:00 **Introduction**

Title: Tie-dye! - An engaging activity to introduce polymers and polymerization to beginning chemistry students

10:00-10:30

Dharshi Bopegedera, The Evergreen State College, USA

10:30-11:00 **Title: Two complementary views on the protein folding puzzle**

Alexei V Finkelstein, Institute of Protein Research RAS, Russia

Networking and Refreshments 11:00-11:15 @ Le Foyer

Major Sessions: Organic Chemistry | Analytical Chemistry | Green Chemistry | Physical Chemistry | Theoretical Chemistry | Environmental Chemistry | Materials Chemistry | Medicinal Chemistry

Session Chair: Dharshi Bopegedera | The Evergreen State College | USA

Session Co-Chair: Slawomir Jarosz | Institute of Organic Chemistry Polish Academy of Sciences | Poland

Session Introduction

11:15-11:40 **Title: Catalytic and photocatalytic formation of C(sp³)-F bonds with heterogeneous catalysts**

Giulia Tarantino, Cardiff University, United Kingdom

11:40-12:05 **Title: An approach to macrocyclic derivatives with sucrose scaffold**

Slawomir Jarosz, Institute of Organic Chemistry Polish Academy of Sciences, Poland

12:05-12:30 **Title: SAR156497 an exquisitely selective inhibitor of aurora kinases**

Jean-Christophe Carry, Sanofi, France

12:30-12:55 **Title: When iron chelation encounters bacterial inhibition**

Nawal Serradji, Paris Diderot University, France

Lunch Break 12:55-13:55 @ Food and More

13:55-14:20 **Title: Mathematical modeling of electrochemical kinetics of alkaline methanol oxidation**
Igor Nikitin, Fraunhofer Institute for Algorithms and Scientific Computing, Germany

14:20-14:45 **Title: Parameter identification in electrochemical kinetics of alkaline methanol oxidation**

Lialia Nikitina, Fraunhofer Institute for Algorithms and Scientific Computing, Germany

14:45-15:10 **Title: Blue hazard free OLED based environmentally, ecologically and human-friendly lighting sources**

Jwo-Huei Jou, National Tsing Hua University, Taiwan

15:10-15:35 **Title: Molten salt for high throughput production of carbon materials from biomass**

Fen-Tair Luo, Institute of Chemistry Academia Sinica, Taiwan

15:35-16:00 **Title: TAO-DFT and its applications to carbon nanomaterials**

Jeng-Da Chai, National Taiwan University, Taiwan

Networking and Refreshments 16:00-16:15 @ Le Foyer

16:15-16:40 **Title: Adsorption of BSA on amino-modified silica-coated magnetic MnFe₂O₄ nanoparticles**

Zhoucheng Wang, Xiamen University, China

16:40-17:05 **Title: A novel X-Ray radiography approach for the characterization of fresh and exhausted granular activated carbons**

Jeamichel Puente Torre, Oriente Universit, Cuba

- 17:05-17:30** **Title: A sensitive fluorescence sensor for organophosphate pesticides detection by controlling the surface passivation of carbon quantum dot**
Jyoti Korram, Pt Ravishankar Shukla University, India
- 17:30-17:55** **Title: Simultaneous quantitative analytical studies of tartrazine, carmoisine and vanillin in food stuffs using attenuated total reflectance fourier transform infrared spectroscopy**
Swapnil Tiwari, Pt Ravishankar Shukla University, India
- 17:55-18:20** **Title: Carbon quantum dots nanosensors for detection of acetylcholinesterase activity and its inhibitor**
Reshma, Pt Ravishankar Shukla University, India

Day 2 June 22, 2018

Amsterdam

Keynote Forum

- 10:00-10:30** **Introduction**
Title: Stereoselective synthesis of sugar mimetics from simple monosaccharides
Slawomir Jarosz, Institute of Organic Chemistry Polish Academy of Sciences, Poland
- 10:30-11:00** **Title: What is responsible for atypical dependence of the rate of amyloid formation on protein concentration: Fibril-catalyzed initiation of new fibrils or competition with oligomers?**
Alexei V Finkelstein, Institute of Protein Research RAS, Russia

Networking and Refreshments 11:00-11:15 @ Le Foyer

Major Sessions: Biological Chemistry | Nuclear Chemistry | Petro Chemicals | Multi-disciplinary Chemistry | Chemistry Education | Inorganic Chemistry

Session Chair: Alexei V Finkelstein | Institute of Protein Research RAS | Russia

Session Co-Chair: Maxim Oshchepkov | PJSC Fine Chemicals R & D Centre | Russian Federation

Session Introduction

- 11:15-12:10** **Title: The influence of media components on the stability and toxicity of silver nanomaterials**
Ilse De Leersnyder, Ghent University, Belgium
- 12:10-12:35** **Title: Sublimation entropy and dissociation constants prediction by quantitative evaluation of molecular mobility in crystals**
Alexei V Finkelstein, Institute of Protein Research RAS, Russia
- 12:35-13:00** **Title: Evaluating total mercury and methyl mercury contents in canned tuna fish of the persian gulf**
Kiandokht Ghanati, Shahid Beheshti University of Medical Sciences and Health Services, Iran

Lunch Break 13:00-14:00 @ Food and More

Poster Presentations 14:00-14:45 @ Foyer

- EUCHEP001** **Title: Screening factors in design of polymeric dispersed system**
Kessal Fetta, Mouloud Mammeri University, Algeria
- EUCHEP002** **Title: Biodegradable cross-linked polymers of acrylated epoxidized soybean oil and different thiols**
Sigita Kašėtaitė, Kaunas University of Technology, Lithuania
- EUCHEP003** **Title: A new class of rhodamine-based fluorescent turn-on probes for ATP monitoring in mitochondria**
Sewon Eom, Ewha Womans University, Korea
- EUCHEP004** **Title: Overcoming the limits in photodynamic therapy: Facile supramolecular method to nucleic acid-driven activatable nanotheranostics**
Joohee Hong, Ewha Womans University, Republic of Korea
- EUCHEP005** **Title: Fluorescent probe for monitoring changes in mitochondrial membrane potential via aggregation-induced enhancement**
Yerin Jeong, Ewha Womans University, Republic of Korea
- EUCHEP006** **Title: Label-free electrochemical immunosensors via use of fragmented antibody (fab) and electrochemically active nanoparticles: Simultaneous detection of multiple biomarkers for early diagnosis of allergic rhinitis**
Sang Gyeong Shin, Kwangwoon University, Republic of Korea

EUCHEP007 Title: Polyaniline derivative-modified microelectrodes for the detection of carbon monoxide in the mouse kidney

Heesu Kim, Kwangwoon University, Republic of Korea

EUCHEP008 Title: Design and synthesis of fluorescent-tagged scale inhibitors

Maxim Oshchepkov, PJSC Fine Chemicals R&D Centre, Russian Federation

Networking and Refreshments 14:45-15:00 @ Le Foyer

Poster Presentations 15:00-15:45 @ Le Foyer

EUCHEP009 Title: Some progress in scale inhibition mechanisms understanding, provided by a fluorescent visualization of gypsum scale formation and a special dynamic light scattering technique

Konstantin Popov, PJSC Fine Chemicals R&D Centre, Russian Federation

EUCHEP010 Title: Adsorption of BSA on amino-modified silica-coated magnetic $MnFe_2O_4$ nanoparticles

Zhoucheng Wang, Xiamen University, China

EUCHEP011 Title: New method for the synthesis of β -ketoindoles derivatives by microwave irradiation: A green method

Gilberto Lucio Benedito de Aquino, State University of Goias, Brazil

EUCHEP012 Title: Modeling optoelectronic properties of metal free porphyrins used in dye sensitized photoelectrosynthetic cells

Syrine Daoudi, University of Lorraine, France

EUCHEP013 Title: Synthesis and photophysical properties of 2-aryl-5-carbonyl indolizines

Camila Rodrigues de Souza Bertallo, University of Sao Paulo, Brazil

EUCHEP014 Title: Synthesis, crystal structure, spectral and magnetic properties of iron (III) complexes with pyridoxal Schiff base ligands

Viera Muraskova, University of Chemistry and Technology, Czech Republic

EUCHEP015 Title: Use of waterborne polyurethane as a crosslinker on gelatin three-dimensional constructs

Sunmi Zo, Yeungnam University, Republic of Korea

EUCHEP016 Title: Novel mechanism of ferrite-induced photodegradation of dinitrophenols into non-hazardous products

Marius Zaharia, Al I Cuza University, Romania

EUCHEP017 Title: Metal ion binding to amyloid peptide fragments: Biochemical and biomedical involvement

Marius Closca, Al I Cuza University, Romania

Day 3 June 23, 2018

Networking and Lunch 12:30-13:30

