8th Edition of International Conference on

Chemistry Education and Research



August 27-28, 2018
Zurich, Switzerland

EuroSciCon

Chemistry Education 2018

Agenda Day 1 August 27, 2018

Rome AB

08:30-09:30 **Registrations**

09:30-09:50 Opening Ceremony

Keynote Forum

9:50-10:00 Introduction

10:00-10:30
Title: Aβ, a risk factor for Parkinson's pathogenesis: Mechanisms and prevention
Mahesh Narayan, The University of Texas at El Paso, USA

10:30-11:00
Title: Radioactive vegetation of the Fukushima Daiichi nuclear power plant accident 7 years later in Japan
Kazue Tazaki, Kahokugata Lake Institute, Japan

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

Session Introduction

Fundamentals of Chemistry Education | Biochemistry | Physical Chemistry | Advanced Organic & Inorganic Chemistry | Chemicals & Materials Science | Natural Product Chemistry | Pharma Chemistry | Future Scope of Chemistry

Session Chair: Kazue Tazaki, Kahokugata Lake Institute, Japan
Session Co-Chair: Vaishnavi Parikh, Genus Lifesciences, USA

11:15-11:40
Title: Efficacy of topical drug delivery and significance of semisolid bases
Vaishnavi Parikh, Long Island University, USA

11:40-12:05
Title: Misconception in chemistry textbooks and teachers as users: Case study on the concepts of quantum numbers and electronic configurations
Kristian Handoyo Sugiyarto, Yogyakarta State University, Indonesia

12:05-12:30
Title: Agronanochemical for *Ganoderma* fungal disease management
Mohd Zobir Hussein, Institute of Advanced Technology UPM, Malaysia

12:30-12:55
Title: Dimensional tailoring of hybrid perovskites for efficient and stable solar cells
Mohammad Khaja Nazeeruddin, Ecole Polytechnique Federale de Lausanne, Switzerland

Group Photo

Lunch Break 12:55-13:55 @ La Place AB

13:55-14:20
Title: A hierarchical supercycle from carbon atom to synthetic chemists via artificial intelligent robots for future chemistry in universe
Linghai Xie, Nanjing University of Posts & Telecommunications, China

14:20-14:45
Title: Assessment of chemistry teachers stoichiometry pedagogical content knowledge and its implication chemistry students achievement in stoichiometry
Nathaniel Ayodeji Omilani, Federal College of Education Abeokuta, Nigeria

14:45-15:10	**Title: Mesoporous materials in master courses** **Elena Aznar,** Centro de Investigación Biomédica en Red de Bioingeniería Biomateriales y Nanomedicina, Spain
15:10-15:35	**Title: Biochemical properties of ALS and TEL effects on (P)RR induced processes in patients with diabetic neuropathies** **Anna Sh Archvadze,** Tbilisi State Medical University, Georgia

Networking and Refreshments: 15:35-15:50 @ Europa Foyer

15:50-16:15	**Title: Organic chemistry: Theory, reactivity, mechanisms in modern synthesis** **Pierre Vogel,** Ecole Polytechnique Federale de Lausanne, Switzerland
16:15-16:40	**Title: Molecular dynamics simulations of oxygen species in a native skin membrane of interest for plasma medicine** **Dharmendra Kumar Yadav,** Gachon University of Medicine and Science, South Korea

Agenda Day 2 August 28, 2018

Keynote Forum

10:00-10:30	**Title: Polymer-protein interface and high throughput screening for protein structural stability** **Vaishnavi Parikh,** University of the Sciences in Philadelphia, USA
10:30-11:00	**Title: Organic nanosynthesis of macroscopic window grids at molecular scale** **Linghai Xie,** Nanjing University of Posts & Telecommunications, China

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

Session Introduction

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Session Chair: Mahesh Narayan, The University of Texas at El Paso, USA
Session Co-Chair: Linghai Xie, Nanjing University of Posts & Telecommunications, China

11:15-11:40	**Title: 20 years after the Nakhodka oil spill accident in the Sea of Japan** **Kazue Tazaki,** Kahokugata Lake Institute, Japan
11:40-12:05	**Title: Structural study on powdered complex of $[Cu(phen)_3](CF_3COO)_2.2.4H_2O$** **Kristian Handoyo Sugiyarto,** Yogyakarta State University, Indonesia
12:05-12:30	**Title: Rational design of new ligands as human adenosine receptor antagonists: Transition from tricyclic to bicyclic scaffold-based derivatives** **Cheong Siew Lee,** International Medical University, Malaysia
12:30-12:55	**Title: Peer led team learning and the living workbook** **Mahesh Narayan,** The University of Texas at El Paso, USA

Lunch Break 12:55-13:55 @ La Place AB

Poster Presentation 13:55-14:55

CHEMED01

Title: Organic chemistry: Theory, reactivity, mechanisms in modern synthesis

Pierre Vogel, Ecole Polytechnique Federale de Lausanne, Switzerland

CHEMED02

Title: Cadmium ions adsorption behavior onto shellfish fossil

Atsuko Fukuyama, University of Fukui, Japan

CHEMED03

Title: GravStoich: An interactive tool for practice and enhancement in stoichiometric calculations

Elena Atrazheva, Northern Alberta Institute of Technology, Canada

CHEMED04

Title: A novel chemosensor acting as a fluorescent "off-on" Zn^{2+} sensor: Experimental logic gate behavior and TD-DFT calculations

Marzieh Sohrabi, Isfahan University of Technology, Iran

Networking and Refreshments: 14:55-15:10 @ Europa Foyer

Panel Discussion

Awards & Closing Ceremony