Chemistry Education 2018

Scientific Program

10th International Conference on

Chemistry Education and Research

June 21-22, 2018 | Oslo, Norway

Scientific Program

Theme: *Theme: "Contemporary Advances and Innovations in Chemistry "*

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Scientific Program

June 21, 2018

09:00-09:45 Registrations

Conference Hall: Tromso

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09:45-10:00

Opening Ceremony

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Keynote Forum

10:00-10:40	**Title: Conceptual assessment of learning outcomes from animations and simulations** **Jerry P. Suits**, University of Northern Colorado, USA
10:40-11:20	**Title: Changes in science education for the 21st century** **Eva Trnova**, Masaryk University, Czech Republic

Group Photo

Networking & Refreshments Break 11:20-11:40 @ Foyer

11:40-12:20	**Title: Changing trends in chemistry research modes and the imperative needs of chemistry education for gifted students** **Manabu Sumida**, Ehime University, Japan
12:20-13:00	**Title: Electronic properties of various B-doped diamond (111)/dye molecule interfaces** **Karin Larsson**, Uppsala University, Sweden

Group Photo

Lunch Break 13:00-14:00 @ Brasserie Bassit

Sessions: Role of New Technologies : Chemistry Education | Polymer Chemistry

Session Chair: Jerry P. Suits, University of Northern Colorado, USA

Session Co-Chair: M Gloria Quintanilla, Universidad de Alcalá, Spain

14:00-14:30	**Title: STEM education abroad: yes you can!** **Kimberly B. Fields**, University of South Florida, USA
14:30 -15:00	**Title: Graphene – exciting insights into the synthesis and chemistry of the miracle material of the 21st century and its implementation in chemistry lessons for the first time** **Andreas Schedy**, University of Education Freiburg, Germany
15:00-15:30	**Title: Weekly reflection papers: Development of the strategy** **Gloria quintanilla**, Universidad de Alcalá, Spain

Networking & Refreshments Break 15:30-15:50 @ Foyer

15:50-16:20	**Title: Embedding petrochemical/nuclear components into analytical curricula: The chemical STEM bridging** **Mian Jiang**, University of Houston Downtown, USA
16:20-16:50	**Title: Polymerization in monomer -Water heterogeneous systems** **Arnos Arshaki Hovhannisyan**, National Academy of Sciences of Republic of Armenia, Armenia

Poster Session 16:50-17:40

P1	**Double layered nanostructured composite coatings for biomimetic implant applications** **Laura Floroian**, Transilvania University of Brasov, Romania
P2	**Title: Wear behaviors of boron-bearing new hardfacing alloys** **Yi-ting Chang**, National Tsing Hua University, Taiwan
P3	**Title: Electrical conduction mechanism of amorphous As–S–Se chalcogenides with small concentration of Ag** **S.R. Lukić-Petrović**, University of Novi Sad, Serbia
P4	**Title: Pooling of ideas after writing the individual "weekly reflection papers": Collaborative reflection** **Gloria Quintanilla**, Universidad de Alcalá, Spain
P5	**Title: Theoretical study of pentyl alcohol acetylation** **Silvana Claudia Caglieri**, National Technological University, Argentina

Panel Discussion

June 22 , 2018	
Sessions: Chemistry Education | Biochemistry | Polymer Chemistry	
Session Chair: Eva Trnova, Masaryk University, Czech Republic	
9:30-10:00	**Title: Enquiry for innovation in a primary science classroom -A pilot study focusing on a lesson on 'dissolving' in grade 5** **Manabu Sumida**, Ehime University, Japan
10:00-10:30	**Title: How to motivate students to learn chemistry** **Eva Trnova**, Masaryk University, Czech Republic
10:30-11:00	**Title: Understanding photography as applied chemistry: Using Talbot's calotype process to introduce chemistry to design students** **Esther S. Rösch**, Pforzheim University of Applied Sciences, Germany
Networking & Refreshments 11:00-11:20 @ Foyer	
11:20-11:50	**Title: Cellular communication: Novel endocannabinoid-like lipids, fruit flies and other insects, N-acyltransferases, and subtraction lipidomics** **David J. Merkler**, University of South Florida, USA
11:50-12:20	**Title: Growing profile of single crystals using polymer materials** **Arnos Arshaki Hovhannisyan**, National Academy of Sciences of Republic of Armenia, Armenia
Young Research Forum	
12:20-12:50	**Title: Monitoring the level of knowledge of learners to tailor web-based exercises at an individual level** **Oda Dahlen**, Norwegian University of Science and Technology, Norway
12:50-13:20	**Title: The synthesis of exocyclic derivatives of pyrazoles based on 1H-pyrazolylbutannitriles** **H. N. Khachatryan**, National Academy of Sciences of Republic of Armenia, Armenia
Lunch @ Brasserie Bassit	
Award Ceremony	
Panel Discussion	