

Wednesday 2 September 2020

s21 Education and transmission of knowledge from the past to the new generations of electrochemists

Chair : Hasuck Kim, Jelena Bajat, Aleksandra Dekanski, Laszlo Peter, Velizar Stankovic, Aleksandar Zeradjanin

13:25 to 13:30

S21 - Welcome speech

13:30 to 14:10 Keynote

David Read (Department of Chemistry, University of Southampton, Southampton, United Kingdom)

Effective online teaching in electrochemistry and beyond: teacher and student perspectives

14:10 to 14:30 Invited

Hubert Girault (Department of Chemistry, EPFL, Sion, Switzerland)

Teaching electrochemistry without Fake News

14:30 to 14:50 Invited

Bin Ren (State Key Laboratory of Physical Chemistry of Solid Surfaces, Xiamen University, Xiamen, China)

Electrochemical Education for a Broad Range of Students in China

14:50 to 15:30 Keynote

Wolfgang Schuhmann (Center for Electrochemical Sciences, Ruhr University Bochum, Bochum, Germany)

Activity of electrocatalysts. From common wording to common pitfalls

15:30 to 15:50

Coffee Break and Video Checkup

15:50 to 16:10 Invited

Sabine Szunerits (IEMN, CNRS, University of Lille, Villeneuve d'Ascq, France)
Electrochemical Biosensors: A good example for teaching at the boarder of disciplines

16:10 to 16:30 Invited

Woonsup Shin (Department of Chemistry, Sogang University, Seoul, Korea)
Teaching Translational Research in Electrochemistry: From Fundamental to

Product

16:30 to 17:10 Keynote

Robert Hillman (School of Chemistry, University of Leicester, Leicester, United Kingdom), Rachel M. Sapstead, Ann Beresford-Laycock, Natalie Corden, Jodie Coulston, Mariyam Ula, Chloe Davis

Education at the Crime Scene: Visualisation of Latent Fingerprints using Electrochemical Processes

17:10 to 17:15

S21 - Closing 1st day

Thursday 3 September 2020

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Chair : Hasuck Kim, Velizar Stankovic, Laszlo Peter, Aleksandar Zeradjanin, Jelena Bajat

12:55 to 13:00

Welcome speech

13:00 to 13:40 Keynote

Branimir Grgur (Department of Physical chemistry and electrochemistry, Faculty

of Technology and Metallurgy, University of Belgrade, Belgrade, Serbia)

Teaching the Electrochemistry: Between Theory and Practice

13:40 to 14:00 Invited

Karel Bouzek (Department of Inorganic Technology, University of Chemistry and Technology, Prague 6, Czech Republic), Martin Paidar, Robert Steinberger-Wilckens

Development of a European Master Programme Curriculum in Fuel Cell and Hydrogen Science and Engineering

14:00 to 14:20 Invited

Priscilla G. L. Baker (Chemistry department, University of the Western Cape, Bellville, South Africa)

Education, a vehicle of transformation

14:20 to 15:00 Keynote

Mark Orazem (Department of Chemical Engineering, University of Florida,

Gainesville, USA)

Teaching Impedance using a Python-Based Regression Program

15:00 to 15:20

Coffee Break and Video Checkup

15:20 to 16:00 Keynote

Johna Leddy (Department of Chemistry, University of Iowa, Iowa City, USA),
Daniel L. Parr IV

Evolution of Tools in Undergraduate Electrochemistry Education

16:00 to 16:20 Invited

Andrea E. Russell (School of Chemistry, University of Southampton,
Southampton, United Kingdom)

The Importance of Practical Elements in Electrochemistry Education

16:20 to 16:40 Invited

Neso Sojic (Institut des Sciences Moléculaires, University of Bordeaux,
Bordeaux, France)

Teaching electrochemistry with youtube. Something new under the sun?

16:40 to 17:20 Keynote

Plamen Atanassov (Department of Chemical & Biomolecular Engineering,
University of California, Irvine, USA)

Electrochemistry and Electrochemical Engineering: University of California
Irvine comprehensive graduate program at PhD, MS and ME levels

17:20 to 17:25

Closing remarks