

Programme

Conference takes place in the lecture hall located at the ground floor of J. Heyrovský Institute of Physical Chemistry, Dolejškova 3, Prague

Monday, 20 November, morning

08:30-09:00	Registration
09:00-09:15	Welcome and general information: Prof. Hof, director JHI, representative of EERA in the Czech Rep., Frédéric Chandezon, Stanislav Záliš
9:15 -12:00	General information on EERA, AMPEA and H2020 actuality Session reserved to the members of AMPEA and their representatives
12:00-13:10	<i>Buffet lunch for attendees of JPSC and AMPEA workshop</i>
12:00-13:10	<i>Registration for AMPEA workshop</i>

Monday, 20 November, afternoon

13:10 – 13.20	Welcome and general information: Antonín Vlček, Stanislav Záliš
Chairman Petr Vanýsek	
13:20-13:50	Ladislav Kavan, Prague, Czech Republic <i>Semiconducting Oxides (TiO₂ and SnO₂): Fundamentals and Energy Applications</i>
13:50-14:20	Erwin Reisner, Cambridge, U.K. <i>Solar-driven Catalysis with Hybrid Semiconductor Systems</i>
14:20-14:40	Sebastian Fiechter, Berlin, Germany <i>On the role of electrocatalysts in the process of light-driven water splitting</i>
14:40-15:00	Esperanza Ruiz, Madrid, Spain <i>Solid Oxide Electro-catalysis for Energy Conversion to Fuels</i>
15:00-15:20	M. Chavarot-Kerlidou, Grenoble, France <i>Dye-Sensitized NiO-Based Photocathodes: Toward Functional Molecular Devices for Hydrogen Production</i>
15:20-15:50	Coffee break
Chairman Antonín Vlček	
15:50-16:20	Leif Hammarström, Uppsala, Sweden <i>Molecular and Biomimetic Approaches to Solar Fuels</i>
16:20-16:50	Sebastiano Campagna, Messina, Italy <i>Multinuclear dendritic Ru(II) and Os(II) complexes for light-harvesting purposes and photochemical water oxidation</i>
16:50-17:10	Z. Xiao Guo, London, UK <i>Photocatalysts from band-gap and band-edge design - Cases for water-splitting and CO₂ conversion</i>
17:10-17:25	A. Bonduelle-Skrzypczak, Solaize, France <i>Strategies for the development of CO₂ photoreduction materials</i>
17:25-17:40	Carlo Nervi, Torino, Italy <i>Electrochemical Reduction of Carbon Dioxide Catalyzed by Selected Organometallic Complexes</i>
17:40-17:55	Maria Cristina Paganini, Torino, Italy <i>New Photoactive Materials Based on Transition Metal Oxides Doped with Rare Earth Metal Ions</i>
18:00-19:00	EERA AMPEA Management board meeting (for AMPEA management board members only!)

Monday, 20 November, evening:

20:00 Conference dinner – **Restaurant Vojanuv dvur, center of Prague,**

Tuesday, 21 November, morning

Chairman Frédéric Chandezon	
9:00-9:30	Günther Knör, Linz, Austria <i>Photochemical Enzyme Models for Solar Energy Utilization and Artificial Photosynthesis</i>
09:30-09:55	Petr Krtil, Prague, Czech Republic <i>Surface sensitivity of the photo- electrochemical activity of anatase TiO₂</i>
09:55-10:15	Luca Pasquini, Bologna, Italy <i>Element-specific channels for the photo excitation of V-doped TiO₂ nanoparticles</i>
10:15-10:35	A. Bieberle-Hütter, Eindhoven, The Netherlands <i>Simulation of Oxygen Evolution at Hematite Surfaces: the Impact of Structure and Local Chemistry</i>
10:35-10:55	Marie-Laure Fontaine, Norway <i>Electrocatalytic production of fuels by proton ceramic based devices.</i>
10:55-11:20	Coffee Break
Chairman Vincent Artero	
11:20-11:40	F. Urbain, Barcelona, Spain <i>Distributed PhotoElectroChemical systems and artificial leaves on the base of filter-press cells</i>
11:40-12:00	Stefano Caramori, Ferrara, Italy <i>Photoelectrochemical Properties of WO₃/BiVO₄ junctions and their application to the degradation of emerging contaminants in aqueous solution.</i>
12:00-12:20	Ragnar Kiebach, Roskilde, Denmark <i>Continuous Hydrothermal Flow Synthesis of Functional Oxide Nanomaterials Used in Energy Conversion Devices</i>
12:20-12:40	J. C. Conesa, Madrid, Spain <i>In₂S₃-bonded laccase as photoelectrode for H₂O oxidation to O₂</i>
12:40-12:50	General Discussion and Closing
12:50 -	Buffet lunch