



International Symposium on Electrochemical Materials Science and Technology

May 31, 2019

Seminar room 2, Frontier Research in Applied Sciences Building,
Hokkaido University

Organized by Corrosion Research Group, Hokkaido University

Co-organized by

Ambitious Leader's Program "Fostering Future Leaders to Open New Frontiers in Materials Science"; Frontier Chemistry Center, Hokkaido Univ.

Program

- 13:30-13:35 Opening Remarks
Hiroki Habazaki (Hokkaido University)
- 13:35-14:10 Synergistic use of photoelectrochemical and impedance measurements for the characterization of anodic oxides
Monica Santamaria (Palermo University, Italy)
- 14:10-14:45 Photoelectrochemical water splitting at semiconductor electrodes protected by electrodeposited catalyst layers
Giovanni Zangari (University of Virginia, USA)
- 14:45-15:05 Coffee Break
- 15:05-15:35 Anodic nanopores and nanotubes formed on iron
Damian Kowalski (Hokkaido University, Japan)
- 15:35-16:05 In-situ observation of electrochemical deposition process by high-speed atomic force microscope
Hisayoshi Matsushima (Hokkaido University, Japan)
- 16:05-16:45 Photoelectrochemistry of doped WO_3 oxides for photoelectrochemical water splitting and the mechanism of antibacterial effect of WO_3
Achim W. Hassel (Johannes Kepler University Linz, Austria)
- 16:45-16:50 Closing remarks

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