Symposium 20

Cutting Edge Electrochemical Measurement Techniques

Time: Session1 Wed. 9/2, 9:00 - 11:30 am
Session2 Wed. 9/2, 4:00 - 6:30 pm

Online platform: Zoom

link to Session 1: Link will be available on the WebApp

link to Session 2: Link will be available on the WebApp

A password is needed to be admitted into the meeting room.

The presentations in both sessions will be in a “live talk” fashion. The speakers will talk in the zoom meeting room while sharing a PowerPoint presentation. In some cases the presentation will be pre-recorded and played during the time slot of the talk. Similar to a traditional symposium, there will be a few minutes Q&A towards the end of each talk. Audience in the room shall enter their questions using the “chat” function in Zoom meeting room, and the chairperson will select a few questions from the chat and ask the speaker.

To protect the rights of speakers and other participants, no recording of the Zoom meeting room is allowed.

To participate in Symposium 20, please send an email to majun2019@sjtu.edu.cn to request the admission password. A few days before the event, we will distribute the password via email.

Program at a glance

Session 1: Wed. 9/2 9:00 - 11:30 am (Belgrade time)

Time	Speaker	Title	Chair
9:00 - 9:40 am	Patrick R. Unwin University of Warwick	Correlative Electrochemical Multi-Microscopy: Towards a Multiscale Understanding of Electrochemical Processes and Interfaces	Bin Ren, Xiamen University
9:40 - 10:00 am	Yilun Ying Nanjing University	Mining Nanopore Big Data to Reveal the Single Molecule Heterogeneity	
10:00-10:10 am	mini break		
10:10-10:50 am	Yujin Tong Fritz Haber Institute of the Max Planck Society	Probing the Solvated Electron at the Electrochemical Interface with a Novel Optoelectronic Method	Jose Solla-Gullon, University of Alicante
10:50-11:10 am	Jianfeng Li Xiamen University	In Situ Raman Study of Interfacial Water Structure at Pd Single-Crystal Surface	
11:10-11:30 am	Xiqian Yu Institute of Physics, Chinese Academy of Sciences	Multi-scale Advanced Characterizations for Solid-State Lithium Batteries	

Session 2: Wed. 9/2 4:00 - 6:30 pm (Belgrade time)

Time	Speaker	Title	Chair
4:00 - 4:40 pm	Peng Chen Cornell University	Single-particle microscopy of photoelectrodes	Alexandre Bastos, University of Aveiro
4:40 - 5:00 pm	Kristina Tschulik Ruhr-University Bochum	Elucidating reactions of individual nanoparticles by electrochemical dark-field microscopy	
5:00 - 5:10 pm	mini break		
5:10 - 5:50 pm	Bozhi Tian University of Chicago	Bioelectrical Engineering at the Semiconductor-enabled Biointerfaces	Olaf Magnussen, University of Kiel
5:50 - 6:10 pm	Matteo Bianchini Karlsruhe Institute of Technology	Investigating Solid-State Synthesis Reactions By In Situ Synchrotron X-Ray Diffraction And Ab Initio Thermodynamics	
6:10 - 6:30 pm	Serhiy Cherevko Helmholtz-Institute Erlangen-Nürnberg for Renewable Energy	Coupled Mass Spectrometry Techniques in Research on Stability of Electro- and Photoelectrocatalysts	