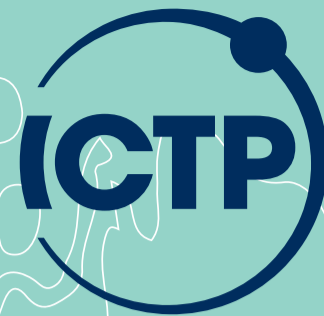


Workshop on Physics and Chemistry of Solid/Liquid Interfaces for Energy Conversion and Storage

24 - 28 May 2021
An ICTP Virtual Meeting
Trieste, Italy



Further information:
<http://indico.ictp.it/event/9536/smr3577@ictp.it>

The purpose of the online workshop is to bring together scientists working on the characterisation of electrochemical interfaces at the atomistic level, and developing characterisation methods, to discuss developments, current challenges, and perspectives.

Directors:

S. PICCININ, CNR-IOM, Italy
M. SULPZI, Johannes Gutenberg University Mainz, Germany

Local Organisers:

R. GEBAUER, ICTP, ITALY
N. SERIANI, ICTP, ITALY

Description:

The workshop is dedicated to the characterisation of electrochemical interfaces by means of advanced experimental and theoretical techniques. The focus will be on the understanding at atomic level of interface structure and stability, charge dynamics and charge transfer, chemical adsorption and reactivity. Space will be devoted to advances in interface-sensitive characterisation techniques. Consequences of the progress in the field will be discussed in the context of applications to catalysis, energy conversion and storage, and environmental remediation.

Topics:

- Atomic structure of electrochemical interfaces
- Charge dynamics and charge transfer
- Electrochemical reactions at interfaces
- Interface-sensitive experimental techniques
- Computer simulations of electrochemical interfaces

Speakers:

A. BIEBERLE-HÜTTER, DIFFER, the Netherlands
K. CAMPEN, Universität Duisburg-Essen, Germany
K. CHAN, Technical University of Denmark, Denmark
J. CHENG, Xiamen University, China
T. CUK, University of Colorado Boulder, USA
J.R. DURRANT, Imperial College London, UK
A. GROSS, University of Ulm, Germany
J. LIBUDA, University Erlangen-Nürnberg, Germany
D. PRENDERGAST, Lawrence Berkeley National Laboratory, USA
R. SCHLÖGL, Fritz Haber Institute, Germany
M. SPRIK, University of Cambridge, UK
P. STRASSER, TU Berlin, Germany
M. TODOROVA, MPI for Iron Research, Germany
F.M. TOMA, Lawrence Berkeley National Laboratory, USA
R. VAN DE KROL, Helmholtz Zentrum Berlin, Germany

How to apply:

Online application:
<http://indico.ictp.it/event/9536/>

Female scientists are encouraged to apply.

Registration:

There is no registration fee

Deadline:

17 May 2021



The Abdus Salam
**International Centre
for Theoretical Physics**
www.ictp.it
Trieste, Italy

