

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



**25 - 29 May 2020**  
**Trieste, Italy**

Further information:

<http://indico.ictp.it/event/9092/smr3447@ictp.it>

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

## Description:

The workshop is dedicated to the characterization 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 characterization 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

## How to apply:

Online application:  
<http://indico.ictp.it/event/9092/>

Female scientists are encouraged to apply.

## Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

## Directors:

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

## Local Organizers:

R. GEBAUER, ICTP  
N. SERIANI, ICTP

## Speakers:

A. BIEBERLE-HÜTTER, DIFFER, the Netherlands  
R. KRAMER CAMPEN, Fritz Haber Institute, Germany  
K. CHAN, Technical University of Denmark  
J. CHENG, Xiamen University, China  
T. CUK, University of Colorado Boulder, USA  
K. DOMKE, MPI for Polymer Research, Germany  
J. DURRANT, Imperial College London, UK  
M.-P. GAIGEOT, University Paris Saclay, France  
J. GIBBS, University of Alberta, Canada  
A. GROSS, University of Ulm, Germany  
M. IANNUZZI, University of Zürich, Switzerland  
T. E. JONES, Fritz Haber Institute, Germany  
J. LIBUDA, University Erlangen-Nürnberg, Germany  
W. LIU, Fudan University, China  
N. MARZARI, EPFL, Switzerland  
A. PASQUARELLO, EPFL, Switzerland  
D. PRENDERGAST, Lawrence Berkeley National Laboratory, USA  
B. ROLDAN CUENYA, Fritz Haber Institute, Germany  
K. ROSSO, Pacific Northwest National Laboratory, USA  
R. SCHLÖGL, Fritz Haber Institute, Germany  
M. SPRIK, University of Cambridge, UK  
P. STRASSER, TU Berlin, Germany  
J. TANG, University College London, UK  
M. TODOROVA, MPI for Iron Research, Germany  
R. VAN DE KROL, Helmholtz Zentrum Berlin, Germany

## Deadlines:

For applications needing financial support and/or visa:

**25 February 2020**

For applications not needing financial support and/or visa:

**25 March 2020**



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