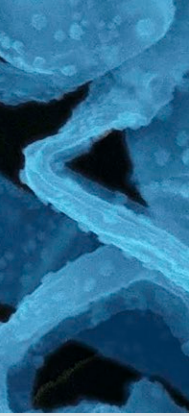

Venue

The 35th Swiss Electrochemistry Symposium will be held in the Culture and Congress House in Aarau, which is the capital of the canton of Aargau/Argovia and beautifully located in northern Switzerland between the cities Zürich and Basel.

Kultur-und Kongresshaus (KUK)
Schlossplatz 9, 5000 Aarau
Phone: +41 62 834 02 10
www.kuk-aarau.ch

Registration

Please use the online registration form on www.psi.ch/ec19.The registration fee can be paid by Visa or Master card. For other options contact us (electrochem@psi.ch). The package includes the book of abstracts, lunch and beverages during the coffee breaks. The registration expires if the registration fee is not paid by May 10.

Registration fee

Regular	CHF 160
Reduced*	CHF 80

* SCCER affiliate or student (please produce student ID at the registration desk)

Abstracts for Poster Contributions

Abstracts must be submitted electronically using the Microsoft Word template provided on the internet site: www.psi.ch/ec19.

The deadline for abstract submission is May 3, 2019.

The Symposium on the Internet

www.psi.ch/ec19

Accommodation

For the night of May 21/22, 2019, a set of rooms has been reserved at the following hotels:

Sorell Hotel Aarauerhof
Bahnhofplatz 2, 5000 Aarau
sorellhotels.com
CHF 135.00/night incl. breakfast, excl. CHF 1.00 City Tax/person/night
Deadline: April 21, 2019

Hotel Kettenbrücke
Zollrain 16, 5000 Aarau
hotelkettenbruecke.ch
CHF 180.00/night incl. breakfast, excl. CHF 1.00 City Tax/person/night
Deadline: April 8, 2019

Please make your reservation directly with the hotel, mentioning the symposium and the code “EC19”.

Contact Addresses

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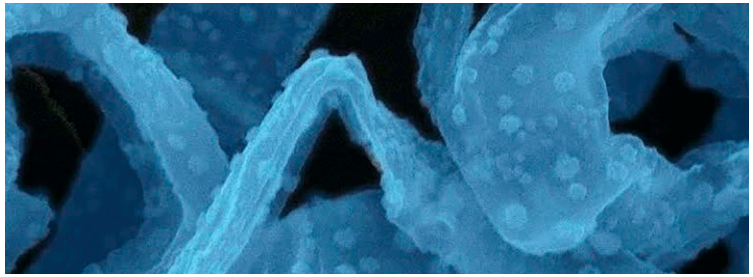
PSI

On the Role of Batteries in Future Energy Systems



35th Swiss Electrochemistry Symposium

May 22, 2019

Culture and Congress House
Kultur- und Kongresshaus KuK
5000 Aarau, Switzerland

www.psi.ch/ec19

This Symposium is sponsored by:

ISE
INTERNATIONAL SOCIETY OF ELECTROCHEMISTRY

On the Role of Batteries in Future Energy Systems

Dear Guests

Batteries play an important role in future energy applications, in electric vehicles as well as in grid-scale energy storage. Battery technology has seen a tremendous development over the past decades, and even today new battery chemistries are put forward every year.

The six distinguished speakers of this year's Electrochemistry Symposium will take us on a journey to the science and technology of batteries in the context of energy storage and mobility applications.

We look forward to welcoming you in Aarau to the 35th Swiss Electrochemistry Symposium on May 22, 2019, for inspiring discussions, a fruitful exchange of ideas and a stimulating get-together.

*Paul Scherrer Institut's Electrochemistry Laboratory is the major institution of its kind in Switzerland. Our main research and development interests are directed towards energy conversion and storage at a technical scale (mobile, stationary, and portable applications of electrochemical systems), including many fundamental aspects of atomic and molecular electrochemistry.

Program

09:00 **Welcome Coffee**

09:30 **Felix N. Büchi, PSI Villigen**
Welcome & Introduction

09:40 **Dirk Uwe Sauer, RWTH Aachen University, Aachen, Germany**
tbd

10:20 **Rosa Palacín, Institute of Material Science of Barcelona, Barcelona, Spain**
Post-Li-ion batteries: promises and challenges

11:00 **Coffee Break**

11:30 **Daniel Abraham, Argonne National Laboratory, Lemont, IL, USA**
Electrode behavior during fast charging of Lithium-Ion cells

12:10 **Buffet-Lunch and Poster Session**

13:30 **Detlef Stolten, Forschungszentrum Jülich, Jülich, Germany**
Batteries and fuel cells as an opportunity for zero emission transportation

14:10 **Olaf Conrad, JenaBatteries GmbH, Jena, Germany**
EnergyKeeper smart gird: Organic RFB in a practical application

14:50 **Daniel Chartouni, ABB Corporate Research, Baden-Dättwil, Switzerland**
Battery solutions for emerging applications in the power grid

15:30 **Felix N. Büchi, PSI Villigen**
Summary

15:45 **Farewell Coffee**

Photograph on front page
Li dendrites, observed by scanning electron microscopy, forming on a Li substrate when using Li metal as a working electrode in lithium-ion batteries.