

## Venue and Travel

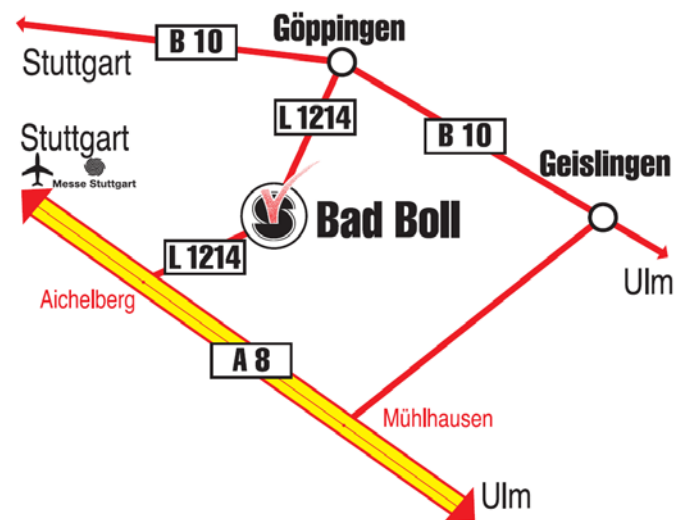
Seminaris Hotel Bad Boll \*\*\*\*  
Michael-Hörauf-Weg 2, 73087 Bad Boll  
Tel. +49 7164 8050  
<http://www.seminaris.de/hotels/seminaris-hotel-bad-boll.html>

Bad Boll is located between Stuttgart and Ulm within the foothills of the Schwäbische Alb.

**Train:** Station Göppingen (11 km), take Bus (19 min., exit at "Ev.Akademie/Reha-Klinik, Boll") or Taxi (ca. 20 €) to Bad Boll, shuttle service on request (self-payment, contact hotel directly)

**Airport:** Stuttgart (32 km), shuttle service on request (self-payment, ca. 55 €, contact hotel directly)

**Car:** A8 Stuttgart-Ulm, exit Aichelberg, 3 km to Bad Boll, just before Bad Boll turn right, follow 200 m in direction Eckwälden, turn left into Michael-Hörauf-Weg



## Organization and Contact

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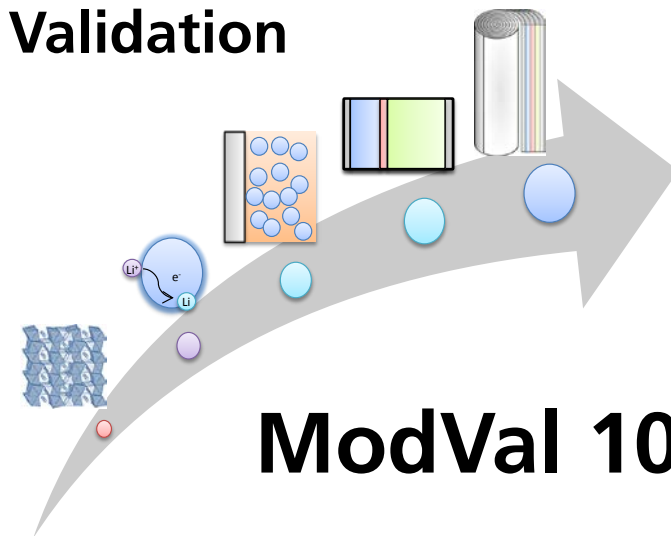
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**Web:** <http://modval10.hs-offenburg.de>

### Dates and deadlines

- 01.12.2012 Opening of abstract submission and registration
- 15.01.2013 Closing of abstract submission
- 01.02.2013 Announcement of final program
- 15.02.2013 Closing of registration

# 10<sup>th</sup> Symposium on Fuel Cell and Battery Modelling and Experimental Validation



## ModVal 10

March 19-20, 2013

Bad Boll/Stuttgart, Germany



## Symposium and Scope

**ModVal 10 is the 10<sup>th</sup> event of a series of annual international symposia on fuel cell and battery modelling and experimental validation.** The aim of the symposium is to present and discuss recent advances in science and technology that are related to the mathematical modelling and computational simulation of fuel cells and batteries, as well as experimental techniques for model validation. The Symposium provides a forum for researchers in both academia and industry, promoting personal contacts and stimulating new collaborations.

### Scope

#### *Modelling and Simulation Methodology*

- Quantum chemistry and elementary kinetics
- Electrode and cell level transport modelling
- Stack and system level modelling
- System dynamics and control approaches
- Model reduction and upscaling techniques
- Parallel computing and supercomputing

#### *Validation Experiments*

- *In situ* chemical, electrical and microstructural characterization methods
- Model experiments for determination of model parameters
- Imaging techniques and spectroelectrochemistry

#### *Application Areas*

- Polymer electrolyte membrane fuel cells (PEFC)
- Solid oxide fuel cells (SOFC)
- Lithium-ion and post-lithium-ion batteries (LIB)
- System technology

## Abstract Submission

One-page abstracts for talks and posters should be submitted by January 15, 2013 via email to [modval10@hs-offenburg.de](mailto:modval10@hs-offenburg.de). An abstract template is provided on the conference website. Authors will be notified of the final program on February 1, 2013.

**Talks:** Invited plenary lectures and contributed talks will be given.

**Posters:** Posters will be displayed throughout the symposium and presented in a dedicated poster session. The maximum poster size is format A0: 119 cm × 84 cm (height × width).

**Schedule:** The symposium starts with a light dinner on March 18. The scientific program runs from 8:30 on March 19 until 16:00 on March 20.

### Confirmed plenary speakers:

- Alexander Badinski, BASF SE
- Nigel P. Brandon, Imperial College London
- Chao-Yang Wang, Penn State University
- Ralph E. White, University of South Carolina

## Registration

We offer a combined conference and accommodation package, including meals.

**Symposium fee:** Regular € 450, Students: € 350  
The fee includes accommodation for two nights (March 18-20) and all meals including dinner on March 18. Note that we cannot offer a discount for attendees not staying the full length of the workshop.

**Payment:** Please find the payment information on the conference web site. On-site payment is not possible.

**Registration:** Please register online at the conference website, <http://modval10.hs-offenburg.de>. Registration deadline is February 15, 2013. Note that registration is only complete with conference fee paid.

