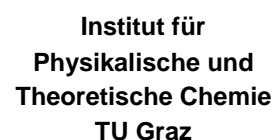


Advanced 3D Fuel cell AnaLysis and CONdition diagnostics (A3-FALCON)

March 19th 2015

Graz University of Technology
Inffeldgasse 25/D
8010 Graz, Austria
Room: HS i3, ground floor



Program

09:00 – 09:15	Welcome V. Hacker, TU Graz
09:15 – 09:40	Introduction to A3Falcon M. Paulweber, AVL
09:40 – 10:05	Development of a degradation model predicting the loss of PEMFC performance with time L. Karpenko-Jereb, TU Graz
10:05 – 10:30	Detailed CFD Simulation of an Air-cooled PEM Fuel Cell Stack with Experimental Validation C. Fink, AVL
10:30 – 10:55	Advanced FC Analysis, Diagnostics and its Application S. Ashton, IE; A. Danelyan, IE, O.Curnick, IE; Q. Meyer, UCL
10:55– 11:20	Space resolved impedance spectroscopy with processor arrays J. Tiedtke, S++
11:20 – 11:45	AVL THDA methodology to analyze 2-dimensional distribution of critical conditions in PEMFC stacks K. Renner, AVL
11:45 – 12:10	Multi-Channel Measurement Hardware for Two-Dimensional PEM Fuel Cell Diagnosis B. Eichberger, TU Graz
12:10 – 12:35	Development of Fuel Cell Equivalent Circuits taking into account Nonlinear Effects V. Hacker, TU Graz, S. Weinberger, TU Graz
12:35	Get together, Buffet sponsored by AVL List GmbH

Registration

Deadline: March 10th 2015

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