

**Registration and Details**

**Please register per e-mail with your full name, your organisation and address and send this e-mail to:**

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Web: [http://www.energyagency.at/Advanced\\_Fuel\\_Cells](http://www.energyagency.at/Advanced_Fuel_Cells)

<http://www.tvtut.tugraz.at>

**Please register before August 20th, 2010.**

The number of participants is restricted. The places will be assigned according to the registration. Attendance free.

The workshop language is English.

**Venue Access:**

Graz University of Technology,  
Petersgasse 12,  
ground floor, lecture room BCEG136 (HS E3.1)  
By train: from the main station Graz take the tramway no. 6 in direction St. Peter station Neue Technik

**Workshop: Advanced Fuel Cells**

1st September 2010

Graz University of Technology

Petersgasse 12, ground floor  
lecture room BCEG136 (HS E3.1)

This project is carried-out within the frame of the Austrian participation in the technology programme of the International Energy Agency (IEA) and is financed by the Federal Ministry for Transport, Innovation and Technology.

Fuel cells are a rapidly developing energy conversion technology. Offering higher efficiencies than conventional technologies, they also operate quietly and have a modular construction that is easily scaleable. These features mean that fuel cells are attractive for a range of potential applications, including combined heat and power (CHP), distributed power generation and transport.

The aim of the IEA Advanced Fuel Cells programme is to enhance the state of understanding of all contracting parties in the field of advanced fuel cells, through a co-ordinated programme of research, technology development and system analysis on Molten Carbonate (MCFC), Solid Oxide (SOFC) and Polymer Electrolyte Fuel Cell (PEFC) systems. There is a strong emphasis on information exchange.

Austria officially participates in the Implementing Agreement on Advanced Fuel Cells since autumn 2004. The specific Austrian aims of this participation are as follows:

- Integration of Austrian cutting-edge RTD activities in international RTD emphasis
- Transfer of international know-how to (and in) Austria
- Promotion and mobilisation of Austrian applied and basic RTD (by gaining IEA know-how)
- Strengthening the competitiveness and internationalisation of the Austrian economy by increased RTD contributions, in general.

#### **Aim of Workshop**

The main goals of the workshop are the presentation of the research's main areas of the Implementing Agreement and the discussion about the current development status of fuel cell systems.

#### **Target Group**

- Research organisations, universities
- Policy makers dealing with energy efficiency issues
- Industry (development, production, service companies) & utility companies

## **Workshop Programme**

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- 10:30 – 10:40 **Welcome**  
Franz Stelzer, Vice Rector for Research and Development,  
Graz University of Technology
- 
- 10:40 – 10:50 **Introduction**  
Theodor Zillner, Federal Ministry for Transport,  
Innovation and Technology (BMVIT)
- 
- 10:50 – 11:20 **The Implementing Agreement on Advanced Fuel Cells,  
Focus: Fuel Cells for Stationary Applications**  
Günter Simader, Austrian Energy Agency
- 
- 11:20 – 11:50 **Fuel Cell Activities at the TU Graz  
Focus: Polymer Electrolyte Fuel Cells & Fuel Cells  
for Portable Applications**  
Viktor Hacker, Graz University of Technology
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### **INDUSTRY**

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- 11:50 – 12:20 **SOFC Activities of PLANSEE SE**  
Andreas Venskutonis, PLANSEE SE
- 
- 12:20 – 12:50 **AVL's Fuel Cell Activities**  
Erich Ramschak, AVL List GmbH
- 
- 12:50 **Networking – Buffet**
- 

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