

Personal data

Surname
First name
Email
Phone
Fax
Company
Department
Address
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Date Signature

Registration fees and accommodation

The registration fees amount to 350 € for an early bird registration (till 08.06.2007), to 450 € otherwise. The additional costs for a full board accommodation are single bed room, category I (59 € per day) single bed room, category II (34 € per day)

Optional post-conference tour on Saturday 08.09.2007

I will join the tour (60 €)

Participation to discussion forums

Please indicate the discussion forums you are interested in:

- Carbon formation
- Gasification and system integration
- Innovative and sulphur tolerant materials
- Gas analysis for sulphur and tars
- Gas cleaning technologies
- SOFC modelling

Please send this registration form back to:

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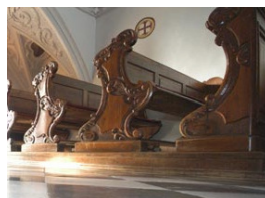
Welcome to the BioCellus Summer School in Seggau Castle!
During four intensive days, you will receive first hand information from **Solid Oxide Fuel Cells and Biomass Gasification specialists** and be informed about the **latest developments** in these research fields.

As researcher or professional, you are invited to discuss with experts from university and industry about state-of-the-art SOFC research, biomass gasification, and advanced gas cleaning technologies.

The lectures will cover all relevant questions regarding the operation of solid oxide fuel cells with biogenous gas. **Material aspects, Modelling and Experimental Results** will be presented. Workshops will deal with special issues as the behavior of hydrocarbons (i.e. tars), appropriate gas cleaning technologies, or modelling.

During the lecture-free time, you will have the possibility for **discussions** in view of the most beautiful Styrian mountains and wine yards. Your **active contribution** will also be required during one of the six workshops proposed. As biomass and fuel cells are not only theoretical features, you will have the possibility to **visit the successful biomass gasifier of Güssing**.

We also prepared for you a **relaxing and multifaceted social programme** with a wine tasting party, a visit of Seggau castle, and a visit of the city of Graz.



BioCellus Summer School

Solid Oxide Fuel Cells Combined With Biomass Gasification

www.biocellus.com

04.09.2007-08.09.2007

Seggau Castle, Austria



Tuesday, 04.09.2007, 10.30 h – 18.00 h**Welcome address****History and status quo of fuel cell research**

Jan Pieter Ouweltjes

Status quo of biomass research

Jürgen Karl

Ceramic membrane technologies and processing

Jadran Macek

Session 1: SOFC fundamentals**Thermodynamic and electrochemical fundamentals**

Ulrich Hohenwarther

Cell modelling

Andreas Gubner

Cell and stack concepts

Anke Hagen

Wednesday, 05.09.2007, 08.30 h – 18.00 h**Fuel cell materials**

Marjan Marinsek

Cell and stack testing

Bert de Haart

Session 2: System integration**Modelling of biomass gasifier – SOFC systems**

Mathilde Saule

Degradation mechanisms: influence of hydrocarbons

Jan Pieter Ouweltjes

Degradation mechanisms: influence of chlorine, sulphur, alkali, and other pollutants

Mathilde Saule

Session 3: Gas cleaning**Gas analysis**

Fritz Lettner

Tar removal

Serge Biollaz

Sulphur, chlorine, dust, alkali, and heavy metal removal

Andreas Schweiger

Carbon deposition mechanisms: thermodynamics, experiments, and analysis

Kyriakos Panopoulos

Thursday, 06.09.2007, 08.30 h – 18.00 h**Discussion forum in 6 workshops**

- carbon formation
- gasification and system integration
- innovative and sulphur tolerant materials
- gas analysis for sulphur and tars
- gas cleaning technologies
- SOFC modelling

Excursion to biomass gasifier in Güssing, Austria**Friday, 07.09.2007, 08.30 h – 18.00 h****Presentation of European projects and fuel cell industries****Research funding and financing****Presentation of the results obtained in the different workshops****Saturday, 08.09.2007**

Optional post-conference tour to Postojna Cave, Slovenia

Serge Biollaz, Paul Scherrer Institut

François Broust, CIRAD

Nadine Frank, Technical University of Munich

Andreas Gubner, Webasto

Bert de Haart, Forschungszentrum Jülich

Anke Hagen, Risø

Philipp Hofmann, National Technical University of Athens

Ulrich Hohenwarther, Graz University of Technology

Jürgen Karl, Technical University of Munich

Fritz Lettner, Graz University of Technology

Jadran Macek, University of Ljubljana

Marjan Marinsek, University of Ljubljana

Alexander Michaelis, IKTS Dresden

Jan Pieter Ouweltjes, Energy Research Centre of the Netherlands

Kyriakos Panopoulos, National Technical University of Athens

Udo Reckels, Siemens

Mathilde Saule, Technical University of Munich

Alexander Schuler, Hexis

Andreas Schweiger, Graz University of Technology



Find more information about the BioCellus project and the Summer School:

www.biocellus.com

Please notice that the programme may be submitted to modifications.