

2nd Real-SOFC Summer School

Characterisation techniques for SOFC materials, cells, stacks



Date: 11-16 September 2005

Location: Ovronnaz, Switzerland

Organization

Integrated Project Real-SOFC “Realizing reliable, durable, energy efficient and cost effective SOFC systems” - 6th RTD Framework Programme

Co-ordinator: Dr. Robert Steinberger-Wilckens, Research Centre Jülich, Germany

Local coordination group

Dr. Peter Holtappels (Empa, Switzerland)
Dr. Augustin McEvoy (EPFL-LPI, Switzerland)
Dr. Martin Smith (EPFL-LPI, Switzerland)

Scientific Committee

Dr. Laurent Antoni (CEA, Grenoble, France)
Dr. Symeon Bebelis (Univ. Patras, Greece)
Dr. Stephane. Hody (Gaz de France, Paris, France)
Prof. Vladimir Kozhukharov (UCTM, Sofia, Bulgaria)
Dr. Heinz Nabelek (Research Centre Jülich, Germany)
Dr. Stelios Neophytides (FORTH-ICEHT, Patras, Greece)

Sponsor

European Union, 6th RTD Framework Programme

Topics

- Introduction to SOFC technology: Basic features and current status
- Materials: structural characterisation techniques
- Imaging techniques, optical-electron microscopy
- Fuel/gas phase analysis
- Electrochemical characterisation
- Cell and stack testing
- System evaluation

Who should attend: young scientists and engineers with an engagement for energy-related technologies, and beginning a career in the fuel cell area.

Venue

Thermalp, Ovronnaz is a fully - equipped Conference Centre in the Alps of Canton Valais, Switzerland. Accomodation is in single rooms within apartments with all facilities. The conference venue includes a natural thermal spa and the area offers all the outdoor activities associated with the Alps in late summer. The School programme provides opportunities to appreciate the environment, as well as the intensive instruction on SOFC materials, characterisation and modelling.

Travel

Arrival by car: from the south - Simplon highway; from the west, via Geneva and Lausanne; from the north, via the Lotschberg tunnel (car on train).

Geneva airport is recommended for all arriving by air; there are direct trains from the airport rail terminal to **Sion** via Lausanne - see <http://www.cff.ch>. The postbus times from Sion to Ovronnaz can be found at <http://www.ovronnaz.ch/ovronnaz/site/index.php>

Arrival from Italy by the Simplon highway or rail (Sempione) - all trains stop in **Sion**.

Tours

Afternoon engineering excursion in the **Valais** region

Programme

www.Real-SOFC.org/events --> Programme



Fees

Registration for participants from Real-SOFC partner organisations: _____ 650,- €

Registration for Non-Real-SOFC partner organisations: _____ 850,- €

The registration fee includes:

Accommodation in single rooms from 11.9 to 16.9.2005 in the *Thermalp Apartment Hotel*

Welcome gathering, 11.9.2005

Meals: All meals, from arrival to departure (Sunday - Friday)

14.9.2005: Engineering Excursion (Afternoon); **Banquet** (Evening)

Preliminary Registration

Please announce your interest to participate in the Summer School to:

Dr Augustin McEvoy

Real-SOFC Summer School Secretariat
Laboratoire Photonique et Interfaces, Station 6,
Ecole Polytechnique Fédérale de Lausanne
CH-1315 Lausanne, Switzerland

E-mail : augustin.mcevoy@epfl.ch

Tel : +41 21 693 36 89, Fax : +41 21 693 41 11

Payment

Payment should be made **in Euro** by bank transfer to:

Union des Banques Suisses, UBS SA
Centre Universitaire, CH-1015 Lausanne

Account no. : 0243-FS117188.0

Account holder: Augustin McEvoy

Reference: "Real-SOFC"

IBAN: CH59 0024 3243 FS11 7188 0

Swift: UBSWCHZH80A



Links

www.Real-SOFC.org/events

--> [Registration form \(.doc\)](#)

--> [Preliminary Programme](#)

About the location:

www.thermalp.ch

