

ACH2008 Meeting

<http://www.combustioninstitute.hu/mebeng.html>

CALL FOR PARTICIPATION

The Hungarian Section of The Combustion Institute, the Chemical Research Center of the Hungarian Academy of Sciences and the West Hungarian University (KKK, Sopron) cordially invite all those who are interested to attend the

"Austrian - Croatian - Hungarian Combustion Meeting – ACH2008"*

which will be held in Hotel Fagus, Sopron, Hungary on October 03, 2008

Programme

10:00 Opening

10:10 **Keynote lecture:**

Prof. Iskender Gökalp (ICARE-CNRS, Orléans, France): *"Energy Challenges for the Future: the Role of Combustion Science and Technology"*

11:00 Coffee Break

11:15 **Presentations from Austria:**

Dr. Pal Szentannai (Vienna University of Technology, Vienna): *"IEA-FBC.net – a Tool for Further Advances in FBC Technology"*

Prof. Ernst Pucher (Vienna University of Technology, Vienna): *"Consumption Simulation Model Based on Real-World Emission Measurement"*

Dr. Max Lackner (Vienna University of Technology, Vienna): *"Laser Diagnostics of Ignition Processes"*

11:35 **Presentation from Croatia:**

Mr. Milan Vujanovic (University of Zagreb, Zagreb): *"Multiphase Modelling of High-Pressure Diesel Sprays with an Eulerian-Eulerian Approach"*

11:55 **Presentation from Hungary:**

Prof. Tamás Turányi (Eötvös University, ELTE, Budapest): *"Uncertainty Analysis of Combustion Models"*

12:15 Lunch

13:45 Poster Session

16:00 Adjournment

The main objective of the meeting is to initiate and strengthen the regional connections between researchers, engineers and industrial partners coming from Austria, Croatia and Hungary.

* The meeting has been supported by the Hungarian National Office for Research and Technology.

Our aspiration is to organise quite an informal meeting by providing a forum for the presentation of new results and previous achievements from both basic and applied combustion science and combustion technology. Subjects that are expected to be presented include: fire research and technology, bioenergetics, incineration, fluid dynamics, heat engines, flame diagnostics, pyrolysis, environmental aspects, plasma-chemistry/synthesis, computer modelling, quantum chemical computation of combustion reactions, reaction kinetics, etc.

ACH2008 is essentially a poster-conference that will be inaugurated by a keynote lecture followed by short oral presentations from Austria, Croatia and Hungary. The keynote lecturer, *Prof. Iskender Gökalp*, is a world-renowned combustion scientist. His scientific activity is very widespread, ranging from mathematical analysis of turbulent combusting flows, through reaction kinetics to technical development of "clean coal" technologies. Prof. Gökalp has been the Director of the 'Institute de Combustion, Aérothermique, Réactivité et Environment' in Orléans and Chair of the European Combustion Federation.

It is possible to take part at the meeting by presenting a poster or just as an attendee.

Deadline for registration: September 08, 2008.

Address: *Dr. István Gyula Zsély*, Dept. Phys. Chem., Eötvös University (ELTE), Pázmány P. stny. 1/A., Budapest, Hungary, *e-mail:* ach2008@combustioninstitute.hu Registration via e-mail is encouraged.

At the registration, please give the title of the poster to be presented, as well as the name of the authors together with their affiliation and address. The names of those who will be present personally at the meeting are also asked for. The poster is requested to be prepared in English, preferably in "A0, portrait" format.

Participation at ACH2008 is open for everybody from Austria, Croatia and Hungary, as well as from other countries. Buffet-lunch will be made available at the site of the meeting. There is no registration fee. Further details of the meeting will be announced in a short time.

Prof. Sándor Dóbbé, Chair
Chemical Research Center
Budapest, Hungary

Prof. Neven Duic, Co-Chair
University of Zagreb
Zagreb, Croatia

Prof. Béla Marosvölgyi, Co-Chair
West Hungarian University
Sopron, Hungary

Prof. Franz Winter, Co-Chair
Vienna University of Technology
Vienna, Austria

June 12, 2008.