



HydrogenDays 2014

5th International Conference on Hydrogen Technologies

Energetics and Transportation. Vision and Reality.

ORGANIZED BY



Czech Hydrogen
Technology Platform



Centrum výzkumu Řež s.r.o.
Research Centre Rez

2 – 4 April, 2014 / Prague, Czech Republic

Invitation

Dear Colleagues,

It gives me great pleasure to invite you to the traditional conference **Hydrogen Days 2014**.

This event offers a unique networking opportunity for specialists or people interested in this highly progressive field of research and rapidly growing sector of applications. The main aim of this event is to bring together experts active in various disciplines of this research field and thus to promote a discussion of the challenges and solutions from various viewpoints. In my opinion, this is a very important aspect of successful research on these processes, resulting not only in advances in understanding, but also in rapid transfer of knowledge developed to existing practical applications and/or the development of new ones.

I wish all of us an interesting and successful meeting.

Karel Bouzek

Chairman of the Scientific Committee

Topics

Stationary systems – technical issues

(fuel cells, water electrolysis, components development and testing, alternative methods of hydrogen production, hydrogen storage, infrastructure, combined systems, etc.)

Stationary systems – commercial issues

(market development, recent trends in hydrogen technologies implementation, infrastructure development, auxiliaries, etc.)

Transportation and mobile applications – technical issues

(fuel cells as an energy source for mobile applications, components development and testing, hydrogen storage and distribution, combustion systems as a power trails, combined systems, etc.)

Transportation and mobile applications – commercial issues

(forklift trucks, personal cars, trucks, other mobile applications, hydrogen infrastructure, etc.)

Invited lectures

Prof. Henry Bergmann

(Anhalt University of Applied Sciences, Köthen, Germany): German energy revolution – recent development and major challenges.

Prof. Robert Steinberger-Wilckens

(University of Birmingham, United Kingdom): Fuel Cells and Hydrogen - What can they contribute to our energy future?

Prof. Francois Lopicque

(CNRS, Nancy, France): PEM fuel cells and electrolysers: potential and routes for improvement of the technology.

Prof. Thomas von Unwerth

(Technische Universität Chemnitz, Germany): Towards sustainable mobility – Why Hydrogen is the most promising option

Prof. Stylianos Neophytides

(FORTH/ICE-HT, Patras, Greece): Carbon and Sulfur Tolerant Anodes for SOFCs.

Prof. Manuel Andrés Rodrigo

(University of Castilla-La Mancha, Ciudad Real, Spain): Composite membranes for high temperature PEM fuel cells: from single cells to stack

www.hydrogendays.cz

info@hydrogendays.cz