



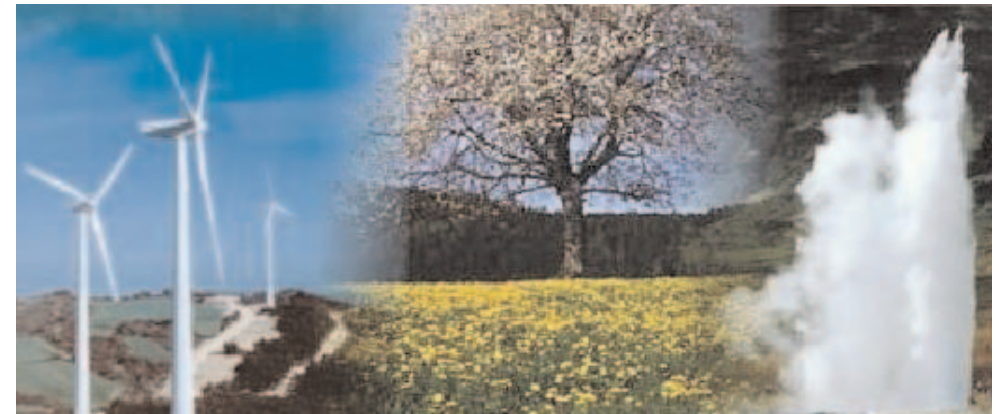
Swiss Energy Week 2006

**Rethinking our Energy Future
Smart, sustainable, secure**

Engelberg, October 9 to 11, 2006

**Research Frontiers in Energy
Science and Technology**

ETH Zurich, October 11 to 13, 2006



Benediktinerkloster/
Hotel Europe
6390 Engelberg

Auditorium Maximum (HGF30)
ETH Zurich
8092 Zurich

Contacts

Dr. Dominik Galliker
+41 41 610 75 20
d.galliker@bluewin.ch

Dr. Claudia Casciaro
+41 44 632 72 55
casciaro@esc.ethz.ch

Detailed program

www.academia-engelberg.ch

www.esc.ethz.ch/latsis

Rethinking our Energy Future

Smart, sustainable and secure



Any further growth in the use of non renewable energy resources will shorten the time to depletion. In addition, the greenhouse effect of burning fossil fuels poses questions about the future climate on our planet. Is there a way out of this dilemma? How will our energy demand be satisfied two generations away? What development and research projects are promising to help closing the potential gap? What can we personally do to save and substitute fossil fuels? Can enough be saved? Are bioenergy, solar radiation real alternatives in the short term? How will the intense competition for resources influence the geopolitical landscape?

Dialogue on science. Academia Engelberg's goal continues to bring together scientists, interested individuals and decision makers to discuss long term issues and brainstorm for potential solutions.

Fatih Birol, International Energy Agency, Paris

Borge Brende, Member of Parliament, Oslo

Laurent Corbier, WBCSD, Geneva

Bernhard Fischer, E.ON Energy AG, Munich

Michelle Grant, ETH Sustainability, ETH Zurich

Paola Ghillani, Paola Ghillani & Friends AG, Zurich

Eberhard Jochem, ETH Zurich & Fraunhofer Institute, Karlsruhe

Thomas Nussbaumer, Verenum, Zurich

Dieter Imboden, Swiss National Science Foundation, Zurich

Kurt Spillmann, ETH Zurich

Aldo Steinfeld, ETH Zurich & PSI

Günter Stempel, Deutsche BP AG, Bochum

Ernst von Weizsäcker, Wuppertal

Research Frontiers in Energy Science and Technology

The ability of national and global energy systems to deliver reliable energy-related products and services at an affordable cost, with reduced dependency on geostrategic and political factors, and in an environmentally benign way is critical to the well-being of modern societies. At the same time, we live in an era of technological revolution, which allows for exploration of scientific phenomena at lengths and time scales considered impossible in the past. Taking advantage of and further pursuing such knowledge will facilitate the quest for novel and more efficient energy-conversion methods, fuels, and materials.

International keynote speakers will discuss their challenges, describe their fields' frontiers, and share their scenarios of future technologies.



Fatih Birol, International Energy Agency, Paris

Konstantinos Boulouchos, ETH Zurich

Didier Stevens, Toyota Motor Europe, Bruxelles

Klaus Fröhlich, ETH Zurich

Lino Guzzella, ETH Zurich

Eberhard Jochem, ETH Zurich & Fraunhofer Institute (ISI), Karlsruhe

Johann Kolar, ETH Zurich

Wolfgang Kröger, ETH Zurich

Klaus Lackner, Columbia University, New York

Arun Majumdar, University of California, Berkeley

Reinhard Nesper, ETH Zurich

Dimos Poulidakos, ETH Zurich

Aldo Steinfeld, ETH Zurich & PSI

Thomas Stocker, Bern University, Bern

Felix Wu, Hong Kong University, Hong Kong

Stefan Zimmermann, Rolls-Royce Germany Ltd., Berlin