

Workshop Registration

Biomass – Energy Without Frontiers
Karlsruhe, March 21st, 2013

Title, Name

First Name

Function

Organisation

Street

ZIP Code, City

Phone

email

**The participation is free of charge but
the number of seats is limited.**

The workshop language is English

Please register via email

biomass-workshop@eifer.org

or Fax: +49 721 6105-1332

until March 10th, 2013

Hotel reservations:

Please contact the Karlsruhe tourist
information service:

<http://www.karlsruhe-tourismus.de/>



Workshop Organisation

Karlsruhe Institute of Technology KIT
Dr. Joachim Fuchs (Renewable Energies
Programme Coordinator)

European Institute for Energy Research EIFER
Francis Cladt (Group Manager „Bio- and
Geothermal Energy“)

Contact

EIFER
Emmy Noether Str. 11
76131 Karlsruhe

Phone: +49 721 6105-1330
Fax: +49 721 6105-1332
E-Mail: biomass-workshop@eifer.org

How to find the venue

Meeting Room „BERLIN“
TPK - Emmy Noether Str. 11 - Karlsruhe

[http://www.eifer.uni-
karlsruhe.de/spip.php?article22](http://www.eifer.uni-karlsruhe.de/spip.php?article22)

www.kit.edu - www.eifer.org

**Biomass – Energy
Without Frontiers**

Joint KIT-EIFER Workshop
Celebrating the 50 years of the
Elysée Treaty

Karlsruhe
March 21st, 2013

INVITATION & PROGRAMME

www.eifer.org

Background

"Frankreich zu Gast am KIT" – France visiting the KIT: Under this umbrella the KIT is hosting multiple events from March 18th to 22nd demonstrating French-German cooperation on the occasion of the 50th anniversary of the Elysée Treaty. The European Institute for Energy Research EIFER and the Karlsruhe Institute of Technology KIT are therefore jointly organising the workshop entitled "Biomass: Energy without Frontiers".

This workshop will provide insights into the fascinating theme "Biomass" covering the whole supply chain ranging from the mobilisation of the resource to innovative conversion technologies. Workshop topics include solutions for isolated villages based on actual case studies, biomass conversion through combustion as well as innovative methods to recover its components for a subsequent use as energy carrier or raw material. The intended audience of the workshop does not only include research and academics but also the interested public.

Programme

Introduction

- 09:00 *Registration and coffee*
- 09:30 *Welcome and Opening*
Dr. Jean Copreaux, Director of EIFER
Prof. Dr. Jörg Sauer
Head of KIT Institute of Catalysis
Research and Technology

Biomass as a local energy source

- 09:45 *Development of local energy concepts at a village scale: Comparison of a French and a German approach*
David Eyler, EIFER
- 10:05 *Biomass gasification in Corsica - from the resource to the solution*
Dr. Az-Eddine Khalfi, EIFER
- 10:25 *Sustainable biomass use on the Upper Rhine: presentation of the INTERREG Project "OUI biomass"*
David Balussou, KIT DFIU
- 10:45 *Discussion*
- 11:00 **Break**

Programme

Environmental impacts of biomass use

- 11:20 *Environmental impacts of energy supply from biomass: case of fine and ultrafine particles*
Prof. Dr. Gwénaelle Trouvé,
Laboratoire Gestion des Risques et Environnement, Université de Haute-Alsace Mulhouse

Innovative biomass technologies

- 11:40 *Bioliq – the route from residual biomass to sustainable fuels*
Prof. Dr. Jörg Sauer, KIT IKFT
- 12:00 *Pulsed electric field treatment for microalgae biomass processing*
Dr. Wolfgang Frey, KIT IHM
- 12:20 *Discussion*
- 12:35 *Concluding remarks*
Dr. Joachim Fuchs, KIT
Francis Cladt, EIFER
- 12:45 *End of the Workshop*

Buffet Lunch