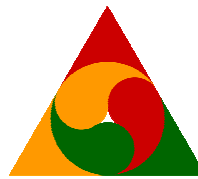




INFORMATION

abiosus e.V.

Non-Profit Association
for the Advancement of Research on
Renewable Raw Materials



Call for papers:

The program will feature invited as well as discussion lectures, and a poster session. The conference organizers are now accepting abstract submissions for discussion lectures, and poster presentations. Submissions are encouraged for all topic areas of the workshop.

Grants for students:

Ph.D. and master students (with valid student ID) are encouraged to present their work as a poster or discussion lecture. For this purpose a limited number of travel grants and registration fee waivers will be available. Please apply early for these by e-mail to the organizers including a short CV, abstract and recommendation letter from your supervisor.

Deadlines:

Submission of abstracts:	January 2, 2009
Personal registration:	March 10, 2009
Room reservation:	January 15, 2009
Student grant application:	January 2, 2009
Cancellation:	March 10, 2009

Registration:

Registration is now open at:
<http://www.abiosus.org/emden-workshop-2009.html.en>

Registration Fees:

The fee includes: Welcome reception, lunch on Monday, Conference dinner and coffee breaks.

Students: EUR 100 (student ID required)
Academia and public services: EUR 150
Industry: EUR 300

Further information:

Further information (travel info, hotels, up-to date speakers list, and more) can be obtained online at: <http://www.abiosus.org/emden-workshop-2009.html.en>

Please address all further requests to the scientific committee.

Venue:

University of Applied Sciences OOW
Constantiaplatz 4
26723 Emden, Germany

2nd Workshop on

Fats and Oils as Renewable
Feedstock for the Chemical
Industry

22. - 24. March 2009
Emden, Germany

in Cooperation with:
University of Applied Sciences OOW
German society for Fat Science (DGF)
Agency of Renewable Resources (FNR)



sponsored by the German Federal Ministry of Nutrition, Agriculture and Consumer Protection (BMELV)

Invitation

The encouragement of the environmentally sound and sustainable use of natural resources is one aim of the Agenda 21. At present, fats and oils are the most widely applied renewable raw materials in the chemical industry, since they offer widespread possibilities for different applications. The workshop "Fats and Oils as Renewable Feedstock for the Chemical Industry" will discuss new developments as well as future perspectives of the chemical usage of fats and oils.

The workshop in Emden will cover the following topics (amongst others):

- **Chemistry of fats and oils & other renewable resources**
- **Synthesis of fine chemicals**
- **Monomer / Polymer synthesis**
- **Catalysis**
- **Sustainability**

Scientific Committee

Prof. Dr. Jürgen O. Metzger, University of Oldenburg & abiosus e.V., Germany
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CONFIRMED LECTURES INCLUDE

Arno Behr, Dortmund, Germany: Catalytic functionalisation of fatty compounds

Uwe Bornscheuer, Greifswald, Germany: Biocatalysis in the modification of fats and oils for oleochemistry

David Cole-Hamilton, St Andrews, Scotland: Carbonylation as a route to chemicals from biomass

Marina Galià, Tarragona, Spain: Vegetable-oil based thermosetting polymers

Sarina Grinberg, Beer-Sheva, Israel: Exploiting vegetable oils for the delivery of hydrophilic drugs

Harald Häger, Evonik Degussa GmbH, Marl, Germany, Life Cycle Assessment of High Performance Polyamides

Karlheinz Hill, Cognis, Germany: Vegetable oils as raw materials for industrial applications

Norbert Holst, Agency for renewable resources, Gülzow, Germany: Use of renewable raw materials in industry and funding of research and development in this field

Maria Rosa Infante, Barcelona, Spain: Biocompatible Surfactants from Renewable Hydrophiles

François Jerome and **Joel Barrault**, Poitiers, France: Rational design of solid catalysts for selective glycerol activations

George John, New York, USA: Crops: A Green Approach toward Self-Assembled Soft Materials

Selim Kusefoglu, Istanbul, Turkey: New Approaches to Polymers and Composites from Plant Oils

Zoran Petrovic, Kansas, USA, Polyurethanes from ricinoleic and hydrogenated ricinoleic acid

Hans J. Schäfer, Münster, Germany, Tensides, Monolayers, Ion Channels and Organogels from Fatty Acids

Manfred Schneider, Wuppertal, Germany, Lipids and Lipases - Combination Products From Renewables

Peter Tollington, Croda, Gouda, The Netherlands: Fatty acids: safe and versatile building blocks for the chemical industry"

Ralf Weberskirch, Bayer Materials Science, Leverkusen, Germany: The role of renewable resources for Bayer Material Science

Oskar Zelder, BASF AG, Ludwigshafen, Germany: Utilization of renewable raw materials in the chemical industry - selected examples