

First European meeting on the metrology of biofuels supporting production, use and regulations

First Circular and Call for Papers

6-7 November 2008
Strasbourg, France



1ST ANNOUNCEMENT

BioFuels Met 2008

biofuels and metrology

Scope and Objectives

Biofuels are considered as an alternative source of energy complementary to fossil fuels primarily used today. Directive 2003/30/EC of the European Parliament and of the Council of 8 May 2003 promotes the use of biofuels and other renewable fuels for transport. Within this Directive, the European Union makes recommendations for partially replacing fossil fuels by biofuels. In this context, a number of technical and scientific issues

need to be addressed by the key players of metrology so that practical answers can be provided in the coming years.

This first workshop is organised by LNE and PTB and aims at exchanging ideas and experience among scientists involved in this complex area to gain a better understanding of the metrological needs with respect to technical and socio-economic issues, to support production and the use of energy from biomaterials and to identify challenges to be met in the near future.

BioFuels Met 2008 will gather all parties involved in this subject area, in particular the researchers from national metrology institutes, universities and research institutes, producers of "bio-energy", energy distributors and regulatory bodies.

ORGANISING COMMITTEE:



Laboratoire National
de Métrologie
et d'Essais



Physikalisch-
Technische
Bundesanstalt



Collège Français
de Métrologie

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Topics

The workshop deals with metrology on all biomaterials used for energy production: biogas, liquid biofuel and solid biomaterials. These must also be considered together with fossil fuels since both are often used in parallel or in combination. The workshop will address all experimental and theoretical aspects of measurements with special emphasis on traceability including:

- **Measurement of energy content**
- **Measurement of physico-chemical material properties**
- **Emission measurement**
- **Measurement of water content**
- **Measurement of harmful impurities**
- **Measurements with respect to sustainability requirements**
- **Measurements with respect to safety and explosion protection**
- **Metrological needs for setting up legal regulations and for field monitoring of compliance with these regulations**

Topics to be covered will also focus on:

- **Standards and needs for reference materials**
- **Laboratory instrumentation**
- **Modelling**
- **Advanced sensor applications**

Additionally, international experts will provide inputs on:

- **Strategies and economic importance of biofuels**
- **Implementation of policies**
- **National and social issues**

Call for Presentations

All interested scientists are invited to participate in this important workshop. We welcome the submission of abstracts for oral or poster presentations. Moreover, experts from this field will be invited for key lectures. If you would like to contribute a presentation or have a particular interest in a topic not mentioned above, please do not hesitate to make any additional suggestions.

Language

The official language of the workshop will be English.

Preparation of abstracts

The abstracts (not more than one A4 page) written in English using preferably Microsoft Word for PC should be provided in camera-ready form with the title, the authors and the name of the presenting author underlined. Abstracts in electronic form should be mailed no later than 30 September 2008 as an attachment file to:

Dr. Jean-Rémy Filtz, LNE: jean-remy.filtz@lne.fr
Dr. Harro Bauer, PTB: harro.bauer@ptb.de

Additional information

Oral presentations: Participants of the workshop are asked to adhere to a time limit of 15 – 20 minutes for oral presentations. The workshop format will include short talks during each session followed by extended discussions.

Posters: the display area size will be 1.0 m wide and 1.2 m high.

Workshop deliverables will include copies of the different presentations. They will be distributed a few weeks after the workshop.

The provisional programme of the workshop will be presented in the following announcements.

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Venue

The International Workshop on BioFuels Met 2008 will be held at the:

SOFITEL Hotel
4, place Saint Pierre le Jeune
67000 Strasbourg, France.
www.sofitel.com

Lunch will be served close to the meeting room.
The workshop will start on the morning of 6 November 2008.



Tourist Office of Strasbourg
www.ot-strasbourg.com

Registration

Workshop fee

Payment can be made to Collège Français de Métrologie. The registration desk will be open during every day of the workshop from 8:30 to 16:00 at the main entrance of the workshop - SOFITEL Hotel, Strasbourg.

Delegate:	€ 300
Student:	€ 200
Invited speaker:	€ 150

The fee includes abstracts (CD-ROM), presentations, refreshments and lunch.

Registration by mail, fax or e-mail is accepted.

Registration deadline: 20 October 2008

To facilitate a productive and efficient workshop the number of participants is limited to 100.

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