

How to prepare an abstract

The abstract, single spaced in English (11 size Times New Roman font), should include:

Applicable subject number (1 to 5 above)

Full title

Full name and address of one author for all correspondence

For each author and co-authors full name, affiliation, address, phone/ fax/ e-mail

Purpose of the work

Approach

Scientific innovation and relevance

Results

Conclusions

An abstract should not exceed 1 page of A4 format (210 x 297 mm).

**Deadline for receipt of abstracts:
31 July 2010**

The Proceedings of the Conference in English and Ukrainian/Russian and presentation materials will be issued as a CD and sent to all the participants after the Conference.

Correspondence

Abstracts and **registration forms** should be sent (preferably) by e-mail to:

conference@biomass.kiev.ua

or mailed to:

Tetiana Zheliezna

**Institute of Engineering Thermophysics,
NAS of Ukraine**

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03057, Kyiv

Ukraine

If you have any questions concerning the Conference please contact the Organizing Committee:

Tel./Fax: +(38 044) 453 28 56, 456 94 62

E-mail: conference@biomass.kiev.ua

Further information will be available on the conference website.



6th International Conference on BIOMASS FOR ENERGY

September 14-15, 2010
Kyiv, Ukraine

Supported by:

National Agency of Ukraine for
Effective Energy Use

Ministry of Fuel and Energy of Ukraine

Ministry of Agrarian Policy of Ukraine

Committee of Verkhovna Rada of
Ukraine for Fuel and Energy, Nuclear
Policy and Nuclear Safety



www.biomass.kiev.ua/conf2010

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**First announcement and
Call for Papers**

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Institute of Engineering
Thermophysics of
the National Academy of
Sciences of Ukraine



Scientific Engineering Centre
"BIOMASS"



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Organizing committee

Conference Chairman

Anatoliy Dolinsky

Director of Institute of Engineering Thermophysics, NAS of Ukraine

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Head of Center for Bioenergy and Green Engineering, Esbjerg Institute of Technology - Institut 18, Aalborg Universitet, Denmark

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Scientific Secretary

Tetiana Zheliezna

Senior researcher of Institute of Engineering Thermophysics, NAS of Ukraine, Head of Department of SEC "BIOMASS"

Programme

The two-day Conference programme includes:

- Plenary lectures
- Oral and poster presentations
- Round tables and seminars

Conference venue

The 6th International Conference on Biomass for Energy will be held at premises belonging to the Presidium of the National Academy of Sciences of Ukraine (55, Vladimirskaya str.). Located in the city centre the Conference facility will give the participants a good opportunity to combine constructive work with exploring the cultural and historical treasures of Kyiv - the city with more than a 1500-year history.

www.biomass.kiev.ua/conf2010

Chairman's message

We are very glad to invite all the representatives of Biomass Community to the 6th International Conference on Biomass for Energy.

Conferences held in 2002 - 2009 generated great interest in Ukraine and abroad. About 200 participants including 50 attendees from Europe and the USA took part in each forum.

During 2005 - 2010 price of natural gas in Ukraine has been rising drastically (from 61 to 305 \$/1000 m³). As a result, some sectors of the national economy appeared on the verge of viability. Such situation clearly demonstrates urgent necessity of using alternative and renewable energy sources.

Among the renewable energy sources, biomass can play the leading part in replacement of natural gas and other fossil fuels. Ukraine has quite a big potential of biomass available for energy production (19 - 23 mtoe/yr). Utilization of the biomass potential for energy purposes can cover about 14% of the Ukraine's energy demand.

At present Ukraine's state policy regarding the bioenergy sector development is expressed in two laws which were adopted in 2009: regarding the "green" tariff and the biofuels. Specifically, the minimal fixed "green" tariff for biomass power plants is 12.4 € cents/kWh, and this value is one of the highest in Europe.

We are sure that the 6th Conference will facilitate practical realization of biomass-to-energy technologies in Ukraine and promote a fruitful cooperation between Ukrainian and foreign scientists, experts and businessmen in this field.

**Conference Chairman
Academician of NAS of Ukraine
Anatoliy Dolinsky**

Working languages

English, Ukrainian, Russian.
Simultaneous translation will be provided.

www.biomass.kiev.ua/conf2010

Topics

- 1. Biomass resources:** Availability and cost of resources; technical and logistical issues; environmental impact. Production, pretreatment, supply and logistics of feedstock from conventional agriculture, forestry, animal residues, processing industry and the biodegradable fraction of MSW streams. Research on energy crops.
- 2. Research and development of bioenergy technologies:** Combustion, gasification, pyrolysis, anaerobic digestion, extraction and utilisation of landfill gas, co-combustion of biomass with traditional fuels. Production of liquid biofuels (biodiesel, bioethanol).
- 3. Demonstration and market implementation of biomass-to-energy technologies.**
- 4. Strategy and policy issues:** International, national, regional and local policies and strategies. Sustainability criteria and certification issues.
- 5. Economic and environmental issues of bioenergy technologies:** Financing of bioenergy projects, socio-economic impact, reduction of CO₂ emission.

Registration

Registration forms are available on the Conference web-site and can be sent on request.

Registration fee

The registration fee covers attendance, conference bag, invitation to coffee breaks, lunches, networking reception for one delegate and Conference Proceedings.

Registration fee: **350 EUR** or **500 USD**.

Early bird discount: **50 EUR** or **70 USD** (before **1 August 2010**).

Sponsorship

Organizing committee will be very grateful for your sponsorship of the conference. The details are available on the conference web-site.

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