



## GENERAL INFORMATION

The Conference and the Workshop will be held on May 6-8, 2009 at:

Riga Technical University  
Kaļķu iela 1  
LV-1658, Riga, Latvia

The Riga Technical University is located as shown in the map below:



## ACCOMMODATION INFORMATION

Here is a selection of different level hotels located in walking/ driving distance from the conference venue:

### **Centra Hotel\*\*\***

Audēju iela 1  
Riga, LV-1050, Latvia  
<http://www.centra.lv/>

### **Hotel Valdemars\*\*\***

K. Valdemara iela 23  
Riga, LV-1010, Latvia  
<http://www.valdemars.lv/>

### **Islande Hotel\*\*\*\***

Kipsalas iela 20  
Riga, LV-1048, Latvia  
<http://www.islandehotel.lv/>

### **Konventa Sēta Hotel\*\*\***

Kalēju iela 9/11  
Riga, LV 1050, Latvia  
<http://www.konventa.lv/>

### **Radi un draugi Hotel\*\*\***

Mārstalu iela 1  
Riga, LV-1050, Latvia  
<http://www.draugi.lv/>

### **Gutenbergs Hotel\*\*\*\***

Doma laukums 1  
Riga, LV-1050, Latvia  
<http://www.gutenbergs.eu/>



**Hotel de Rome\*\*\*\*\***  
Kaļķu iela 28  
Rīga, LV-1050, Latvia  
<http://www.derome.lv/>

**Reval Hotel Latvija\*\*\*\***  
Elizabetes iela 55  
Rīga, LV-1010, Latvia  
<http://revalhotels.com/en/Hotels/Latvia-Riga/Reval-Hotel-Latvija/Business>

**Additional information on Hotels in Riga available at <http://www.hotels.lv/en/hotels/all/:city/riga>**

## **TOURISM INFORMATION**

Latvia is the central country of the Baltic States, located in North-Eastern Europe, on the coast of the Baltic Sea. The length of Latvia's Baltic coastline is 494 km. The total area of the country is 64,589 square kilometres. Latvia has a common border with Estonia, Russia, Belarus and Lithuania.

The largest towns and cities in Latvia are Riga, Daugavpils, Liepāja and Ventspils. The total population of the country is about 2.4 million inhabitants.

Latvia is the country of many rivers, lakes, forests, and castles. Its history has been different and complicated and linked to that of several other countries. These historical relations have had their influence on Latvian cultural and architectural heritage which has made them so unique.

### **For more information:**

- Here you can take a virtual tour of Old Riga to prepare for its real beauty: <http://www.riga.lv/media/VecrigaInfo/en.html>
- Here you can get some information on the history, political situation and main features of Latvian sightseeing, and to listen to the hymn of our country: <http://www.ltn.lv/~krz/latvia/latvia.html>

Here are links to many different interesting things to see, visit, and to enjoy in Latvia:

- <http://www.rigatourism.lv/>
- <http://www.latviatravel.info/menu/>
- [http://www.riga.lv/EN/Channels/About\\_Riga/default.htm](http://www.riga.lv/EN/Channels/About_Riga/default.htm)
- <http://www.virtualriga.com/>
- <http://www.rigathisweek.lv/>

### **Useful links:**

- Riga Airport web page - <http://www.riga-airport.com/>
- Public transport in Riga - <http://www.rigassatiksmel.lv/>

## **CONFERENCE AND WORKSHOP CONTACT INFORMATION**

**Conference and Workshop Secretariat: Ms. Julija Gusca**  
Fax: +371 67089908  
e-mail: [julija.gusca@rtu.lv](mailto:julija.gusca@rtu.lv)



## **International Conference**

### **WOOD FUEL STANDARDS. COMBUSTION**

**May 6 -7, 2009**



## **International Workshop**

### **CONFORMITY RULES FOR SOLID BIOFUELS**

**May 8, 2009**

**Venue: Riga,**

**Riga Technical University**

**Funded by the European Commission 6th Framework Programme**



## INVITATION

It is our pleasure to invite you to participate in the BIONORM II International Conference “**WOOD FUEL STANDARDS. COMBUSTION**”, and the BIONORM II International Workshop “**CONFORMITY RULES FOR SOLID BIOFUELS**” to be held at the Riga Technical University (RTU), Latvia, May 6-8, 2009.

The Conference's key discussions will include the topics of standards on wood fuel, wood fuel combustion technologies, wood energy monitoring techniques, international and local experience in wood fuel usage.

The Aim of the workshop is getting feedback and further information from persons concerned with this issue for a further improvement of the developed conformity rules on solid biofuels.

The working language of the Conference and the Workshop is English.

All Papers of Oral Presentations submitted by Conference's authors will be compiled in the Scientific Proceedings of the Riga Technical University.

Authors of the Conference's Oral Presentations Speakers are invited to submit their Scientific Papers by **March 30, 2009** and submit their Presentations in the PowerPoint format by **May 4, 2009**. The computer platform for projecting PowerPoint presentations is Windows based (Mac users should conduct a trial run of their presentations on a PC).

### IMPORTANT DEADLINES

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|-----------------------|---|
| <b>March 30, 2009</b> | Scientific Papers of Oral Presentations Speakers received by mail at the Conference Secretariat |
| <b>April 27, 2009</b> | Registration of Participants of the Conference and the Workshop closed                          |
| <b>May 4, 2009</b>    | Presentations of Oral Speakers received by mail at the Conference Secretariat                   |

Additional information about the Conference and the Workshop will be available by March 15, 2009 at:

- The Institute of Energy Systems of RTU web page: [www.videszinatne.lv](http://www.videszinatne.lv)
- BIONORM II project official web page: <http://www.bionorm2.eu/>

## BIONORM II project

The aim of the BIONORM II project is to carry out pre-normative research in the field of solid biofuels in close collaboration with the CEN/TC 335 "Solid Biofuels".

The project working period is from January 2007 to December 2009. This project is a "Specific Target Project" supported by the European Commission under the Sixth Framework Programme and contributing to the implementation of the key action "Integrating and strengthening the European Research Area".

Further information on the BIONORM II project can be found at <http://www.bionorm2.eu/>



## CONFERENCE PROGRAMME

### DAY 1: WEDNESDAY, MAY 6, 2009

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9.00 – 9.30	Registration
9.30 – 9.40	Welcome <b>Ivars Knets, Rector of Riga Technical University</b>
9.40 – 10.15	European standards for solid biofuels – case wood pellets and chips <b>Eija Alakangas, VTT, Finland</b>
10.15 – 10.30	The BioNorm II project and its role in the field of solid biofuel standardisation <b>Janet Witt, German Biomass Research Centre, Germany</b>
10.30 – 11.10	“Wood fuel usage in Latvia, future through present experience. JWEE in Latvia” <b>Dagnija Blumberga, Francesco Romagnoli, RTU, Latvia</b>
11.10 – 11.30	Coffee break
11.30 – 11.45	Standards of pellets. How to introduce with them. Viewpoint of pellet producers <b>Arnolds Dale, LatGran, Latvia</b>
11.45 – 12.00	Standards of woodchips. How to introduce with them. Viewpoint of wood chips producers <b>Didzis Palejs, Latvian Biomass Association, Latvia</b>
12.00 – 12.30	Combustion testing of an over-fire boiler and a heat storing stove <b>Heiki Oravainen, VTT, Finland</b>
12.30 – 13.00	Fuel quality influences in residential log wood boiler combustion <b>Hans Hartman, TFZ, Germany</b>
13.00 – 14.00	Lunch break
14.00 – 14.30	Test results of an Austrian Pellet Boiler <b>Jozef Rathbauer, FJ-BLT Wieselburg, Austria</b>
14.30 – 15.00	Combustion of solid biofuels from the Mediterranean region in small scale boilers <b>Panagiotis Grammels, Centre of Research and Technology Hellas, Greece</b>

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15.00 – 15.30      Results of wood pellets combustion testing in Latvia  
**Claudio Rochas, RTU, Latvia**

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15.30 – 15.45      Coffee break

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15.45 – 16.10      Pellet boilers in Latvia  
**Andris Lubins, Grandeg, Latvia**

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16.10 – 16.35      Experience of use of wood chips boilers in DH plants  
**Edgars Vigants, BaltEnEko, Latvia**

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16.35 – 17.00      Round table discussions

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## **DAY 2: THURSDAY, MAY 7, 2009**

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9.00- 16.00      **Technical tour to**

- **the pellet production plant *SIA LATGRANULA***
- **wood chips production and storage point**

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16.00              **Conference closure /Lunch**

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## WORKSHOP PROGRAMME

FRIDAY, MAY 8, 2009

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9.00 – 9.30	Registration
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9.30 – 9.40	Welcome and introduction
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<b>Session 1</b>	<b>Basics of rules for conformity for solid biofuels</b>
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9.40 – 10.10	Rules for conformity in Europe – results of a survey <b>Daniel Kilgus, IVD Universität Stuttgart, Germany</b>
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10.10 – 10.40	DINplus – the German certification programme for wood pellets <b>Tatjana Düsedau, DIN CERTCO, Germany</b>
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10.40 – 11.10	Certification of solid biofuels in practice <b>Arnolds Dale, LatGran, Latvia</b>
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11.10 – 11.40	Coffee break
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<b>Session 2</b>	<b>Development of a European conformity scheme for solid biofuels</b>
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11.40 – 12.10	Rules for conformity within the scope of the CEN European standards for solid biofuels. <b>Gideon Richards, Consulting With Purpose Ltd, UK</b>
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12.10 – 12.40	Introduction to the quality assurance series of standards prEN 15234 “Solid Biofuels – Fuel quality assurance” <b>Verena Mohrig, DBFZ, Germany</b>
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12.40 – 13.10	Proposal for a conformity scheme for solid biofuels using the example of wood pellets according to prEN 14961-2 “Solid biofuels – Fuel specifications and classes – Part 2: Wood pellets for non-industrial use” <b>Günter Baumbach, IVD Universität Stuttgart, Germany</b>
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<b>Session 3</b>	<b>Conclusions of the workshop</b>
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13.10 -13.40	Concluding discussion and summary of the results for an implementation in the European standardization process
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