

**INVITATION LETTER:****24 April 2008 - ESTONIAN WORKSHOP****TITLE:** Solid biofuels - European standards and international database of fuel properties**DATE:** 24 April 2008; 11.00 - 17.00**PLACE:** Tallinn Technical University, Kopli 101, room X-221 (second floor), Tallinn, Estonia**TARGET GROUPS:** Fuel Traders, Producers, Users, Laboratories Carrying Out Fuel Analysis**WEBSITE:** <http://www.phydades.info>PHYDADES  
IEEA **Aim of the workshop**

*To present the use of standardized analysis methods and solid biomass fuel specifications. Specifically, the workshop is targeted to countries where the use of standards is not yet common practice.*

**Contents of the workshop - One day workshop (in English) with the following subjects:**

*Welcome by Tallinn University of Technology and PHYDADES project group, prof. Aadu Paist, the Head of Thermal Engineering Department, Mr. Jan Pels, the Phydades Leader*

*Fuel specification and classes and quality assurance, Eija Alakangas, VTT, Convenor of working group 2, CEN/TC 335*

- Classification of the biomass fuels: example woody biomass
- Property tables for different biomass fuels: example wood pellets
- Quality assurance measures

**Sampling and sample reduction - experiences**

*Process and final product control at wood pellet factory, Kuido Kuntro, Kalvi Mõis Ltd., Estonia*

**Physical or mechanical properties (moisture, ash content, particle size, mechanical durability of pellets)**

**Demonstration of database (Biodat DATABASE), Jan Pels, the Phydades Leader**

*A new database is being set up. It replaces the existing Phyllis database ( <http://www.phyllis.nl>). Main improvements are the inclusion of analysis standards and standardized biofuels classification system.*

## Preliminary Workshop Agenda

Time	Topic	Name
10:00-11:00	Registration; Coffee and cake	
11:00-11:05	Welcome by Tallinn University of Technology	Prof. A. Paist; (TUT)
11:05-11:10	Welcome by Phydades and program short view	Mr. Jan Pels; (ECN)
11:10-11:55 +10 min questions	Fuel specification and classes and quality assurance	Eija Alakangas; (VTT)
12:05-12:50 +10 min questions	Sampling and sample reduction	Jan Burvall, (Skellefteå Kraft AB) Antero Moilanen, (VTT)
13:00-13:45	Coffee; tea cake (or lunch if needed at student cafeteria)	
13:45-14:15	Process and final product control at wood pellet factory	Kuido Kuntro (Kalvi Mõis Ltd.)
14:15-15:00 +10 min questions	Physical or mechanical properties (moisture, ash content, particle size, mechanical durability of pellets)	Hans Hartmann (TFZ)
15:10-16:00	Demonstration of database (Biodat DATABASE)	Mr. Jan Pels (ECN)
16:00-17:00	Discussion	Mr. Jan Pels (ECN)

### Registration at the workshop

For further information on the Workshop and registration, please contact Mr Teet Parve ([tparve@staff.ttu.ee](mailto:tparve@staff.ttu.ee); +372 564 1987) or visit directly the webpage [www.phydades.info](http://www.phydades.info) for any other clarification.



### Registration form of the Phydades Workshop Tallinn 24.04.2008

Name	Organization	e-mail	Phone

**Deadline of the registration is April 1, 2008.**

**Please take into consideration, that the total number of the participants is limited to 50 persons. The workshop is free of charge.**

***Filled up registration forms should be sent to Mr Teet Parve (fax +372 620 3901; [tparve@staff.ttu.ee](mailto:tparve@staff.ttu.ee)).***