

DATE

5-6 October 2015

CONFERENCE VENUE

Conference Centre of the Science Centre in Poznań
H. Wieniawskiego 17/19, 61-713 Poznań

DEADLINES

25 September 2015

Regular fee payment deadline

REGISTRATION

The registration is available **only** through the **Registration form** that can be found on the Conference website.

FEES

Regular fee/person:

from 1st August 2015 – **Euro 250.00**

The fee includes participation in the conference, conference materials, meals during the event, gala dinner, and the publication cost.

The conference fee is to be paid to the following bank account:

Institut Technologii Drewna
ul. Winiarska 1, 60-654 Poznań
BANK MILLENNIUM SA
PL36 1160 2202 0000 0000 6089 3555
SWIFT: BIGBPLPW

In the title of the transfer please add
„**Conference 2015**” and the name(s)
of the participant(s)

CONTACT

Dominika Janiszewska, PhD
Wood Technology Institute
Winiarska 1, 60-654 Poznań, Poland
e-mail: conference@itd.poznan.pl
or through the **Contact form** available on the Conference website

ACCOMMODATION

The conference participants **book and pay for their accommodation individually.**

Due to the International Trade Fair of Machines and Tools for Wood and Furniture Industries – DREMA, starting on October 6th, we suggest booking your accommodation

well in advance

(more information can be found on the Conference website)

INFORMATION FOR THE AUTHORS

Articles will be published as research papers and posters will be published as reports in the scientific journal **WOOD.**

Research papers. Reports. Announcements

(more information can be found on the Conference website)

Article guidelines:

For publishing we accept articles (up to 15 pages) written in English, prepared and formatted according to the instructions available on the **WOOD. Research papers.**

Reports. Announcements website:

- Guidelines for Authors
- Form for Authors
- Author Declaration

(more information can be found on the Conference website)

Poster guidelines:

For display we accept posters in English, B1 format (70x100cm), vertically oriented.

For publishing we accept reports prepared based on posters (up to 5 pages) according to the above mentioned Guidelines for Authors

Conference language - **English**

Poster exhibition is planned for the first and second day of the Conference

ANNOUNCEMENT No 3



Wood Technology Institute
State Forests National Forest Holding

Invite to

1st International Scientific Conference

WOOD – SCIENCE – ECONOMY

5-6 October 2015, Poznań, Poland



International Scientific Conference

www.wood-science-economy.pl

GENERAL AGENDA

Day one (05.10.2015)

- 9:00 – 9:45 Registration and refreshments
9:45 – 10:05 Welcome
10.05 – 10.30 **Jim L. Bowyer (Keynote speaker's lecture)**
The U.S. forest products industry, past, present, and future
10:30 – 10:45 **Roger Rowell**
Dimensional stability and fungal durability of acetylated wood

SESSION I: Wood market – economic and social perspective

- 10:45 – 11:00 **Władysław Strykowski**
Structural changes in the forestry and wood sector in Eastern Europe with a particular emphasis on Poland
11:00 – 11:15 **Matthias Bösch et al.**
Input-output evaluation of Germany's national cluster of forest-based industries
11:15 – 11:30 **Henrik Herräjärvi and Juhani Marttila**
Cleantech-a driver for future wood products industries?
11:30 – 11:45 **Martin Pernkopf and Manfred Gronalt**
Coordination of the material flow between different production departments in a wood-processing company – a simulation study
11:45 – 12:00 **Orest Kiyko et al.**
Furniture industry in Eastern Europe: challenges and opportunities for sustainable development
12:00 – 12:15 Discussion
12:15 – 13:15 **Lunch**

SESSION II: Increasing wood resources, innovations in the forestry-wood sector

- 13:15 – 13:30 **Andrzej Grzywacz**
Environmental restrictions on the use of wood raw material resources from Polish forests
13:30 – 13:45 **Tomasz Borecki**
The concept of verification of the principles of calculating the annual felling volume in forest inventory
13:45 – 14:00 **Dominik Jochem et al.**
Estimation of Wood removals and fellings in Germany. A calculation approach based on the amount of used roundwood
14:00 – 14:15 **Piotr Paschalis-Jakubowicz**
Innovation in forestry
14:15 – 14:30 **Addo Koranteng and Tomasz Zawila-Niedzwiecki**
Satellite imagery study of deforestation and forest degradation in Western Region of Ghana
14:30 – 14:45 **Tugba Deniz**
A comparative study on the markets of some forest products in Turkey and Poland
14:45 – 15:00 **Zbigniew Karaszewski et al.**
Damage to round wood done by feed rollers

- 15:00 – 15:15 **Krzysztof Jodłowski**
The influence of assortments number on time consumption of harvester in felling cuts
15:15 – 15:30 **Piotr Boruszewski et al.**
Determination of the potential area of land under plantations of fast growing trees in Poland
15:30 – 15:45 **Ewa Bakinowska et al.**
Probability model(s) of spruce timber damage due to thinning operations
15:45 – 16:00 **Łukasz Lewaszakiewicz et al.**
Verification of the multiple regression model on the example of damage during cutting the trees
16:00 – 16:15 Discussion
16:15 – 16:30 **Coffee break**

SESSION III: Forestry-wood sector from the environmental perspective

- 16:30 – 16:45 **Ryszard Kozłowski and Małgorzata Muzyczek**
New smart environmentally- friendly coatings for wood protection
16:45 – 17:00 **Holger Weimar and Niels Janzen**
How many of the European wood imports are covered by the EUTR?
17:00 – 17:15 **Bartłomiej Mazela et al.**
Bio-friendly wood protective systems
17:15 – 17:30 **Piotr Boruszewski et al.**
Analysis of the chemical composition of Wood from fast-growing trees plantations in terms of application in wood-based panels technology
17:30 – 17:45 **Tomasz Zielenkiewicz et al.**
XRF analysis of metallic inhibitors of the enzymatic hydrolysis in poplar wood before and after steam explosion
18:00 – 18:15 **Jadwiga Zabielska-Matejuk et al.**
Chiral ionic liquids with a natural origin substituent as fungicides in wood preservation
18:00 – 18:15 Discussion
20:00 – 22:00 **Gala dinner**

Day two (06.10.2015)

SESSION IV: Wood properties

- 9:00 – 9:15 **Jan-Henning Blohm et al.**
*Histometric characteristics and natural durability of Douglas fir (*Pseudotsuga menziesii*) heartwood grown in south Germany*
9:15 – 9:30 **Rene Herrera et al.**
Characterization of thermally modified wood at different industrial conditions
9:30 – 9:45 **Bernhard Widhalm et al.**
Reduction of terpenes within pine wood particles and strands by microbial activity
9:45 – 10:00 **Agnieszka Kurowska and Ewa Dobrowolska**
The impact of ultraviolet radiation on the colour and wettability of wood used for elevations

- 10:00 – 10:15 **Piotr Boruszewski et al.**
*The comparison anatomical structure and properties juvenile and mature wood of cultivated *Larix decidua* Mill. from fast-growing plantations*
10:15 – 10:30 **Agnieszka Jankowska and Paweł Kozakiewicz**
Determination of the fibre saturation point in wood of various morphology using different methods
10:30 – 10:45 **Marcin Klisz et al.**
Black locust hardness in relation with the use in solid wood products
10:45 – 11:00 Discussion
11:00 – 11:15 **Coffee break**

SESSION V: Consumption of wood for energy purposes, recycling

- 11:15 – 11:30 **Roman Shchupakivskyy et al.**
Methodological principles of wood waste and energy management on certain woodworking enterprises in Ukraine
11:30 – 11:45 **Hanna Wróblewska et al.**
The content of harmful substances and elements in post-used wood with respect to its suitability for recycling
11:45 – 12:00 **Dominika Janiszewska et al.**
Selected properties of particleboards based on post-consumer wood
12:00 – 12:15 **Mateusz Szubel et al.**
Characterization of the wood combustion process, based on the TG analysis, numerical modelling and measurements performed on the experimental stand
12:15 – 12:30 **Krzysztof Sornek et al.**
The use of the wood-fired stove-fireplace with accumulation for combined heat and power generation
12:30 – 12:45 **Paweł Czarniak et al.**
Relative machinability indicators of Wood Plastic Composites (WPC) based on recycled material
12:45 – 13:00 Discussion
13:00 – 14:00 **Lunch**

SESSION VI: New technologies and lignocellulosic products

- 14:00 – 14:15 **Peter Meinschmidt and Dirk Berthold**
Detecting of contaminations and sorting of used wood
14:15 – 14:30 **Tomasz Krystofiak et al.**
Influence of the aging test upon gloss and adhesion of lacquer coatings on window elements from pine wood
14:30 – 14:45 **Anna Danuta Kaczmarek et al.**
Review of experimental methods for measurements of natural resonant frequencies of circular saw blades
14:45 – 15:00 Discussion
15:00 – 16:00 **Poster session**
16:00 – 16:15 Closure