

WOOD – SCIENCE – ECONOMY

2nd International Scientific Conference

16-17 October 2017, Poznan, Poland

www.wood-science-economy.pl



**WOOD
SCIENCE
ECONOMY**

International Scientific Conference

ANNOUNCEMENT No. 2



Full research paper submission:

15.09.2017

AIM OF THE CONFERENCE

The aim of the conference is to internationally exchange knowledge about the latest research findings in forestry and wood science and in the related fields, as well as about the achievements and possibilities of their practical use in the forestry and wood sector and the economy. This will allow not only identification of investigation trends with the greatest potential for implementation, but also elevation of research carried out in this field to a higher level.

ORGANIZERS

Wood Technology Institute, State Forests National Forest Holding

TOPICS

- Increasing wood resources and their efficient use
- Innovation in the forestry and wood sector
- New technologies, lignocellulosic products, nanomaterials, biocomposites
- Use of wood for energy purposes
- Wood market – economic and social aspects
- Environmental aspects of the forestry and wood sector
- Recycling
- Furniture industry
- Paper industry
- Sawmilling industry
- Wood in construction
- Other wood-related industries

DATE

16-17 October 2017

CONFERENCE VENUE

IBB Andersia Hotel, Plac Andersa 3, 61-894 Poznan, Poland

DEADLINES

15.09.2017 – submission of a full research paper

29.09.2017 – regular fee payment deadline

REGISTRATION

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

INFORMATION FOR THE AUTHOR

Submitted abstracts will be published in the conference materials.

On reviewing and acceptance by the Editorial Board, the articles of high scientific quality, prepared based upon papers and/or posters, will be published in the scientific journal **WOOD. Research papers. Reports. Announcements.**

Article guidelines:

For publishing we accept articles written in English, prepared and formatted according to the instructions available at the **WOOD. Research papers. Reports. Announcements** website – www.drewno-wood.pl

Poster guidelines:

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

ACCOMMODATION

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

CONTACT

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or through the **Contact form** available on the Conference website

FEES

Regular fee: from 01.08.2017 – Euro 250.00 net/person

The fee includes participation in the conference, conference materials (containing abstracts), meals during the event and gala dinner.

Accompanying person dinner fee - Euro 40.00 net

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

Instytut Technologii Drewna, ul. Winiarska 1, 60-654 Poznań

BANK MILLENNIUM SA

PL67 1160 2202 0000 0000 8462 4338

SWIFT: BIGBPLPW

In the title of the transfer please add „Conference 2017”, the name(s) of the participant(s) and VAT number of the payer

More information can be found on the Conference website www.wood-science-economy.pl

GENERAL AGENDA

Day one (16.10.2017)

09:00 – 10:00 Registration and refreshments

10:00 – 10:05 Welcome

10:05 – 10:30 **New solutions for the forest-based sector based on sustainability and durability in a socio-economic context**, *Joris Van Acker (Keynote speaker's lecture)*

SESSION I: WOOD MARKET – ECONOMIC AND SOCIAL ASPECTS

10:30 – 10:45 **Challenges of the international forest product markets – the EU perspective**, *Ewa Ratajczak*

10:45 – 11:00 **Supply and demand functions for the global wood markets: Specification and plausibility testing of econometric models within the global forest sector**, *Christian Morland et al.*

11:11 – 11:15 **Land use and socio-economic trends in the areas surrounding the concessions of African plantation for sustainable development (APSD) Ghana LTD in Brong Ahafo Region of Ghana**, *Addo Koranteng et al.*

11:15 – 11:30 **The competitiveness of Polish furniture export**, *Dobrochna Augustyniak and Ewa Mińska-Struzik*

11:30 – 11:45 **Marketing as a key factor in the export of Kosovo wood products in Europe**, *Agron Bajraktari et al.*

11:45 – 12:00 **Business-academia collaboration as exemplified by the transfer of innovative wood technology from Warsaw University of Life Sciences to the SME's sector**, *Marek Grześkiewicz et al.*

12:00 – 12:15 Discussion

12:15 – 13:15 Lunch

SESSION II: CHALLENGES IN FORESTRY

13:15 – 13:45 **Forest sector in Eastern Europe: development and perspectives**, *Orest Kiyko*

13:45 – 14:00 **Forestry innovation: choosing the path of development**, *Piotr Paschalis-Jakubowicz*

14:00 – 14:15 **On how the innovative timber production fosters sustainable development – a local case study**, *Francesco Carbone*

14:15 – 14:30 **Assessment of forest rehabilitation profitability based on the analysis of wood harvest volume from intermediate cutting as exemplified by the dumping ground of the sulphur open-pit mine "Piaseczno" (Tarnobrzeg region)**, *Marcin Pietrzykowski et al.*

14:30 – 14:45 **Analysis and modeling of timber storage accumulation after severe storm events in Germany**, *Klaus Zimmermann et al.*

14:45 – 15:00 **Intensifying management of protection forests in the Alps**, *Matevž Mihelič et al.*

15:00 – 15:15 **The influence of sample's size on the results of modelling of stand growing stock volume, based on the Airborne Laser Scanning data**, *Krzysztof Stereńczak et al.*

15:15 – 15:30 Discussion

15:30 – 15:45 Coffee break

SESSION III: WOOD PROPERTIES

15:45 – 16:00 **The relation between biometric features and the occurrence of red heartwood in beech (*Fagus sylvatica* L.)**, *Tomasz Kurek and Witold Pazdrowski*

16:00 – 16:15 **Variability of selected macrostructural features, density and compression strength along the grain of "Tabórz" Scots pine wood (*Pinus sylvestris* L.)**, *Radosław Wąsik et al.*

16:15 – 16:30 **On whether there is any effect of site fertility on beech wood density**, *Zbigniew Karaszewski et al.*

16:30 – 16:45 Discussion

20:00 – 22:00 Gala dinner

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Day two (17.10.2017)

SESSION IV: WOOD PROTECTION

- 09:00 – 09:15 **Changes in the properties of Scots pine heartwood during four years of exposure to underwater conditions at the archaeological site of Gdansk Bay near Orłowo**, *Hanna Wróblewska et al.*
- 09:15 – 09:30 **Archaeological waterlogged wood silanisation with MTMOS**, *Joanna Siuda et al.*
- 09:30 – 09:45 **Ionic liquid fungicides: biodegradation in soil and the influence on autochthonous soil microbiota**, *Mateusz Sydow et al.*
- 09:45 – 10:00 **Materials for gap filling in wooden artefacts exposed to outdoor conditions**, *Paulina Kryg et al.*
- 10:00 – 10:15 **Silylated natural oil for wood protection**, *Ewelina Depczyńska and Bartłomiej Mazela*
- 10:15 – 10:30 Discussion
- 10:30 – 10:45 Coffee break

SESSION V: BIOMASS MANAGEMENT AND UTILIZATION

- 10:45 – 11:00 **The mobile furnace for onsite carbonization: a comparison with other forestry products**, *Rodolfo Picchio et al.*
- 11:00 – 11:15 **Demand for wood biomass for energy purposes – identification of present and potential sources**, *Janusz Czerepko and Piotr Gołos*
- 11:15 – 11:30 **Wood energy consumption in private households in Germany**, *Sebastian Glasenapp*
- 11:30 – 11:45 **Heat and power plant for sawmill – technical and economic analysis**, *Aleksandra Borsukiewicz et al.*
- 11:45 – 12:00 **Lignocellulosic biomass liquefaction – an eco-bonding approach to wood-based panels**, *Dominika Janiszewska et al.*
- 12:00 – 12:15 **Recycling of balsa wood from rotor blades for the production of insulation building material**, *Peter Meinschmidt and Claudia Burgold*
- 12:15 – 12:30 Discussion
- 12:30 – 13:30 Lunch

SESSION VI: ADVANCEMENTS IN WOOD SCIENCE

- 13:30 – 13:45 **A methodology for the assessment of compliance of the existing wood-based panel production plants with BAT requirements**, *Emília Hroncová et al.*
- 13:45 – 14:00 **Density profile and hardness of thermo-mechanically modified beech, oak and pine wood**, *Agnieszka Laskowska*
- 14:00 – 14:15 **The effect of photodegradation aging on the aesthetic features and adhesion of white lacquer coatings in UV systems on HDF substrate**, *Tomasz Krystofiak et al.*
- 14:15 – 14:30 **Thermal conductivity of wooden floors depending on the applied materials and construction solutions**, *Grzegorz Pajchrowski and Andrzej Noskowiak*
- 14:30 – 14:45 **Bayesian approach to timber machinery grading**, *Tomasz Domański*
- 14:45 – 15:00 Discussion
- 15:00 – 15:15 Coffee break
- 15:15 – 16:15 Poster session**
- 16:15 – 16:30 Closure

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

More information can be found on the Conference website www.wood-science-economy.pl