

Dear Colleagues,

Regarding the upcoming 3rd International Scientific Conference FORTECHENVI 2008, to be held in Prague May 26 – 30, 2008 – Hotel Dorint Don Giovanni we would like to inform you about the final scientific programme schedule – enclosed as an attachment. Please note that the programme is tentative and can be changed. In case you are interested in participation do not hesitate to proceed your registration before the deadline.

For more information please visit [www.fortechenvi2008.org](http://www.fortechenvi2008.org)

Should any questions remain do not hesitate to contact us

Best regards  
Conference Secretariat

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**Monday May 26, 2008**

Registration 16:00 -19:30

**Tuesday May 27, 2008**

Registration 08:30 -17:00

Opening 09:00 -09:30

**Plenary Session 09:30 -12:00**

**Wasterlund I.**

For-0056 Productivity and damage on timber with different types of timber feeding rolls in a harvester head

**Linley D.**

For-0065 Will Canada's forests run dry? An analysis of Canadian forestry best management practices for water conservation

**Geania C. E.**

For-0085 Aspects concerning the water jet cutting of wood and wood based materials

*Coffee -Break 10:15 -10:30*

**Efthymiou P. N.**

For-0088 Main technological, ecological and economic constraints in utilizing small-sized wood.

**Berg S.**

For-0106 Forest operations and its potential impacts on forestry's ability to reduce greenhouse gases and to provide biodiversity.

*Lunch 12:00 -13:30*

**Poster Sessions**

**Dvorak J.**

For-0002 Tracked harvesters capacity of first power class in spruce stands

**Kiljunen N.**

For-0003 Towards a thoroughly mechanized wood production chain: the role of planting and pre-commercial thinning

**Sebera J.**

For-0006 The issue of providing compensations for the restricted management in forests of the Czech Republic with respect to production conditions

**Godan E.**

For-0031 Considerations regarding the noise level made by the circular saws for longitudinal wood processing

**Uner B.**

For-0033 Determination of extractive content of *Pinus nigra* arnold with NIR

**Uner B.**

For-0034 Determination of lignin content of *Pinus brutia* arnold. With NIR.

**Kivac R.**

For-0037 Emissions from the forest operation

**Novak V.**

For-0039 Evaluation of the quality of the machined surface of spruce and beech wood

**Marecek J.**

For-0048 Method of decontaminating surfaces of forest roads from oil substances by means of surfactant foams

**Parallel Sessions: 13:30 -18:00**

**Session 1**

**Marada P.**

For-0001 Development of good agroenvironmental practice standards for prevention of game damages

**Robak E.**

For-0004 The value of optimization in forest operations planning: three case studies in Canada

**Hosseini S.**

For-0014 Steep terrain and harvesting operations in the hyrcanian forests of Iran

**Nevecerel H.**

For-0017 Road network quality of the management unit Piscetak - GIS analysis

**Rosca B.**

For-0019 Researches related to fir chips conduct in producing the wood-cement composite boards

**Sen G.**

For-0020 Situation of medicinal plant marketing in Turkey(sample of Trabzon)

**Potocnik I.**

For-0023 Accessibility of fire endangered forests by forest fire-prevention roads

*Coffee -Break 15:00 -15:15*

**Brachetti Montorselli N.**

For-0041 GIS tools analysis for forest roads network planning

**Lunguleasa A.**

For-0045 Knowledge about the total coefficient of losses in chipboard technology

**Iordache E.**

For-0060 Several aspects regarding the social and environmental monitoring of forest roads construction and rehabilitation in Romania

**Villette A.**

For-0071 Logs skidding trial with synthetic rope: Pyrenean experience feedback

**Tsiorias P. A.**

For-0090 Modern problems of the Greek forest operations sector

**Bedelean B.**

For-0105 The reducing of the drying time as a result of the rational use of thermal and electric energy

**Melemez K.**

For-0109 Evaluation of exposure to whole-body vibration for operators of loading tractors in Turkey

**Machal P.**

For-0114 Utilization attribute in procedural simulation at optimum assignation of production process

**Session 2**

**Turk Y.**

For-0007 The investigation on the forest roads deformation for road building technics, soil properties, and bedrock structure

**Ulrich R.**

For-0010 Term changes in the content of CO<sub>2</sub> in soil air due to the impact of forest machines on soil

**Dumitrascu R.**

For-0044 Juvenile wood - a new direction of approach

**Pancova -Simkova P.**

For-0064 Development of the soil physical properties after windrow cultivation by heavy mechanization on the OreMts. plateau

**Mikkonen E.**

For-0067 Selecting sites for reditching of peatland forests: an expert system application

*Coffee -Break 15:00 -15:15*

**Mikles M.**

For-0070 The forwarding set work rationalisation

**Susnar M.**

For-0079 Environmental evaluation of skidder by soil cone index and wheel load distribution during timber extraction

**Ljubojevic S.**

For-0081 Nonconventional method of wood extraction in the conditions of low forest opening- a case study from Bosnia and Herzegovina

**Derczeni R.**

For-0011 Technological premises for the capitalisation of forests logging developed in Romania in low accessibility conditions

**Huseyin Oguz A.**

For-0038 Estimating skidding distance on mountainous terrain with GIS

**Ketcha J. M.**

For-0053 Poverty alleviation, sustainable livelihoods and community regeneration in sub sahara africa

**Klc P.**

For-0072 Ekologicky vhodná technológia dopravného procesu pri ťažbe dreva v malých koncentráciách

**Session 3**

**Neruda J.**

For-0009 The accuracy of wood measurements in harvester technologies under conditions of the Czech Republic

**Stan C.**

For-0012 Study concerning the factorial analysis of work parameters in MDF milling

**Spircher C.**

For-0027 An overview to the optimization of the mechanical wood processing for circular saws

**Neruda J.**

For-0029 Assessing the constructional parameters of chains of portable power chain saws

**Harpa I. M.**

For-0049 Methods for treatment of logs in peeling process:scientific background and technological state-of-art

**Kopecky Z.**

For-0055 Problems of the stability of dimensioning circular sawblades

# 3<sup>rd</sup> International Scientific Conference FORTECHENVI 2008 Scientific Programme

May 26 - 30, 2008, Dorint Don Giovanni Hotel, Prague, Czech Republic

Faculty  
of Forestry  
and Wood  
Technology

Mendel  
University  
of Agriculture  
and Forestry  
in Brno

www.fortechenvi2008.org

## Coffee - Break 15:00 - 15:15

### Neri F.

For-0057 Pruning trials in high-quality wood arboriculture plantations

### Holopirek J.

For-0063 Results experiment of cutting by a bandsaw blade with the knife-shaped geometry of teeth

### Barbu S. M.

For-0073 Contributions to the theoretical and experimental modelling of working conditions for solid wood drilling

### Sava R.

For-0077 Thin plywood structure and its influence on the modulus of elasticity

### Zeleniuc O.

For-0078 Vibration method used in determination of the dynamic modulus of elasticity for thin plywood

### Harpa I.

For-0086 Methods for treatment of green wood during peeling and slicing process

### Geanta C. E.

For-0112 Water jet cutting of wood regarding sustainable development, as an alternative to classical technics of machining

## Wednesday May 28, 2008

Registration: 08:30 - 14:00

Parallel Sessions: 9:00 - 12:00

### Session 1

#### Uner B.

For-0008 The chemical composition of wood, bark of *Ostrya carpinifolia* Scop

#### Olarescu A.

For-0016 Tangible and mathematical model for branch wood utilization

#### Hlavackova P.

For-0047 Logistic support in biomass use

#### Kadlec J.

For-0052 Possibilities of using the wood ash in forestry

## Coffee - Break 10:00 - 10:15

#### Liska S.

For-0054 Power output and operating costs of the chipper model JENZ 420

#### Cavalli R.

For-0069 Forest road network: a case study in Italy on current condition and development possibilities for supporting wood chips supply chain

#### Shrama S. K.

For-0076 Utilization potential of timber as bi-product - *Simarouba glauca* DC

#### Agbeja B. O.

For-0080 Incentives for private forestry in the South-west Nigeria: prospects for renewable resources in forestry

#### Stampfer K.

For-0107 Regional wood energy logistics - optimizing local fuel supply

#### Devine H.

For-0024 An enterprise GIS data model for forest park management

### Session 2

#### Malmer A.

For-0026 Carbon sequestration in tropical forest and water, a critical look on the base for generalisations

#### Stanovsky M.

For-0030 Consideration of forest stand damages caused by harvester technology in northern Slovakia

#### Klimo E.

For-0046 Impacts of clear-cutting forest regeneration in spruce monocultures on forest environment

#### lordache E.

For-0075 Using GIS applications in road network development taking into consideration soil erosion

## Coffee - Break 10:00 - 10:15

#### Nadezdina N.

For-0089 Mechanical damage to root systems by forwarders and its application for objective derivation of safe width of extraction trails

#### Bishop K.

For-0103 Forestry's contribution to Hg bioaccumulation in freshwaters: How large is it, and can it be reduced?

#### Linhartova D.

For-0013 Pedagogical and psychological aspects of education in forestry and wood technology

#### Danielova L.

For-0021 Extramural education designed for forestry and wood-processing professionals

#### Smida Z.

For-0042 Identification and impact of risks related to spruce monoculture reconstructions

### Session 3

#### Gurau L.

For-0015 Some mechanical properties and application of panels made of crosscut branches

#### Petrovici V.

For-0018 Structural adhesive based on technical lignin and furanic resin for load bearing timber structure

#### Molnar G.

For-0032 Correlation among humidity and deviation in multiple rip-sawing of steamy beech timber

## Coffee - Break 10:00 - 10:15

#### Marthy M.

For-0005 The roughness of sanded chipboard surfaces veneered with pear wood veneer.

#### Racasan S.

For-0059 Regarding the cutting power for mechanical processing on CNC machine-tools

#### Jablonski M.

For-0083 Tool wear diagnostics in milling of selected wood species

## Lunch: 12:30 - 13:30 - Poster Sessions

#### Porsinsky T.

For-0050 Morphological analysis of chainsaws

#### Skoupy A.

For-0051 Optimizing the power output of mobile machines in forest operations with respect to minimum emissions

#### Zimbalatti G.

For-0061 Technical and economical aspects of cable logging opportunities for firewood in Calabrian forestry

#### Purfuerst T.

For-0062 Testing a new method for measuring ground pressure variation for forest tires

#### Dumitrascu R.

For-0074 Chemical composition, physical properties and microscopic and macroscopic characteristics of juvenile wood

#### Badescu L. A.

For-0100 Research regarding wood chips pH for manufacturing particleboard with cement

#### Badescu L. A.

For-0104 Tangible, analogical and mathematical model for branch wood utilization

#### Zecic Z.

For-0108 The structure of utilization of oak (*quercus robur* L.) biomass in final felling

#### Uner B.

For-0111 Wood and bark composition of *Juglans regia* L.

#### Gluschkov S.

For-0113 Utilization of wood chips for heating of public buildings in Bulgaria - first steps

Excursion: 13:30 - 18:00

## Thursday May 29, 2008

Registration 08:00 - 10:00

Excursion 09:00 - 18:00

## Friday May 30, 2008

Registration: 08:30 - 12:00

Scientific Committee Meeting: 09:00 - 10:00

### Plenary Session 10:00 - 11:00

#### Tolunay A.

For-0087 Effects of globalization on an upland forest village in Anatolia: a case study of Camlidere village

#### Gebreyohannis S.

For-0058 Forest management in the upper basin of the blue Nile and its role in Nile hydrosolidarity

Closing 11:00 - 12:00