

COST-FTP YOUNG RESEARCHERS' FORUM 2013

LIST OF POSTERS

11-12 MARCH 2013, BARCELONA, SPAIN

BARCELÓ SANTS HOTEL - PL. DELS PAÏSOS CATALANS S/N



Salvatore Martire (Italy)

Sustainability Impact Assessment on a local forest-energy supply chain.
The case of the Alpine area of Lake Como, Italy
salvatore.martire@unimib.it

1



Miriam Muñoz Rojas (Spain)

Climate change impacts on Mediterranean forest ecosystems: Application
of Sierra and CarboSOIL models
miriammunozrojas@gmail.com

2



Pieter Vandezande (Belgium)

Recovery of bio-chemicals from wood-derived biomass using advanced
membrane processes
pieter.vandezande@vito.be

3



Sandro Sacchelli (Italy)

Sustainability, modelling and planning of forest sector: a GIS decision
support system application for wood-energy chain
sandro.sacchelli@unifi.it

4



Chiara Bedon (Italy)

Prediction of the seismic response of "Blockhaus" shear walls under in-
plane cyclic loads by means of experimental investigations and numerical
simulations
c.bedon@libero.it

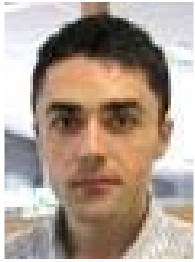
5



Zhouyan Xia (Germany)

Numerical Analysis of Timber-Concrete Skyscrapers under Wind Loads
xia@wzw.tum.de

6



Xavier Turon (Spain)

Cellulases and other catalytic enzymes from marine microbial microorganisms

xavier.turon@iqs.edu

7



Markus Lukacevic (Austria)

A criterion for the effective strength of wooden boards with knots derived by a 3D Finite-Element tool

markus.lukacevic@tuwien.ac.at

8



Henri Kröling (Germany)

Engineering and modelling of tensile strength of paper-epoxy composites

kroeling@papier.tu-darmstadt.de

9



Diego Peñaloza Corredor (Sweden)

The role of bio-based products in a carbon-efficient building environment - The Wälluden Case Study

diego.penaloza@sp.se

10



Thomas Reynolds (United Kingdom)

Dynamic stiffness of dowel type connections in service conditions

tpsr20@bath.ac.uk

11



Heiko Lange (Italy)

Exploring alternative strategies for lignin functionalisation and modification

heiko.lange@uniroma2.it

12



Bishnu Chandra Poudel (Sweden)

Forest biomass production potential and its implications for total carbon balance

bishnu.poudel@miun.se

13



Matija Mraovic (Slovenia)

Printed electronics – screen printed capacitive humidity sensors on recycled paper and cardboard

matija.mraovic@icp-lj.si

14



Anamarija Zagar (Slovenia)

the importance of forest clearings for reptiles in northern dinaric region: results and conservation management recommendations

anamarija.zagar@gmail.com

15



Urša Vilhar (Slovenia)

Core indicators for provisioning of fresh water, water purification and flood regulation services in urban forests

ursa.vilhar@gozdis.si

16



Boštjan Vimpolšek (Slovenia)

Multi-attribute decision model to determine the best management option of non-hazardous waste wood

bvimpolsek@gmail.com

17



Ali Shalbafan (Germany)

Innovative lightweight foam core particleboards produced in an integrated process

a.shalbafan@holz.uni-hamburg.de

18



Sylvain Boulet (France)

Impact of wood on hygrothermal comfort in buildings through objective and subjective analysis of in-situ measurements

sylvain.boulet@fcba.fr

19



Aleš Zamuda (Slovenia)

Environmental framework to visualize emergent artificial forest ecosystems and differential evolution for parameterized procedural woody plant models reconstruction

ales.zamuda@uni-mb.si

20



Maria Riala (Finland)

Wood in garden and outdoor construction: consumer preferences
maria.riala@metla.fi

21



Eneja Osterman (Slovenia)

Heat storage unit with PCM for more energy efficient wood biomass systems
eneja.osterman@fs.uni-lj.si

22



Veronika Beil (Germany)

An alchemist's dream come true: Converting paper into ceramics and metals
veronika.beil@ptspaper.de

23



Pavli Pori (Slovenia)

Hydrothermal deposition of TiO₂ on spruce wood surfaces at different water contents in samples
pavli.pori@gmail.com

24



Johann Rathke (Germany)

Transborder Forest Governance – an approach to investigate the transborder cooperation in the forest-related sector and its interdependences in the multi-level system
johann.rathke@forst.tu-dresden.de

25



Heike Ehrlich (Germany)

Application of high-power ultrasound treatment to improve ink detachment and fragmentation of UV-offset prints: Effect of intensity
heike.ehrlich@upm.com

26



Selma Franceschini (Italy)

Discovery of four phenotypically and phylogenetically distinct lineages in the Chamaecyparis pathogen Phytophthora lateralis
selmalladin@yahoo.it

27



Christian Ewald (Germany)

Mineral oil removal from paper for recycling by high temperature treatment processes

ewald@papier.tu-darmstadt.de

28



Francesco Negro (Italy)

Optisoundwood Project – Plywood for acoustic improvement

francesco.negro@unito.it

29



Robert Jockwer (Switzerland)

Enhanced load-carrying capacity of timber beams with notches by means of optimised reinforcement

robert.jockwer@empa.ch

30



Eero Kontturi (Finland)

Cellulose structures in 2D

eero.kontturi@aalto.fi

31



Josefin Illergård (Sweden)

Antibacterial fibres for a sustainable future

josefika@kth.se

32



Fabiola Nardon (Italy)

Moisture and temperature influence on biocomposites-to-timber bonding

fabiola.nardon@dicea.unipd.it

33



Valentina Castellani (Italy)

Environmental sustainability assessment of wood-based products from a short supply chain in the Italian Alps

valentina.castellani1@unimib.it

34



Ashraful Alam (Finland)

Hot-spot of carbon emissions in forestry production system: life cycle perspective

m.ashraful.alam@gmail.com

35



Radim Matula (Czech Republic)

The sprouting ability of the main tree species in Central Europe: implications for coppice restoration

radim.matula@mendelu.cz

36



Ingegerd Backlund (Sweden)

Cost-effective cultivation of lodgepole pine (*Pinus contorta*) for use in biorefineries

ingegerd.backlund@slu.se

37



Sonja Jamnicki (Croatia)

Deinking possibilities in the reduction of mineral oil content from defined recovered paper grades

sjamnick@grf.hr

38



David Filipe Ramos Silva (Portugal)

Biomass ashes recycling to the soil: treat to material valorisation for forest sustainability

dsilva@ua.pt

39



José Xavier (Portugal)

Assessing quality of wood and wood products by inverse identification methods based on full-field measurements

jxavier3@gmail.com

40



Vjekoslav Živković (Croatia)

Significance of spectral sensitivity for service life of wood building products

zivkovic@sumfak.hr

41



Emilia-Adela Salca (Romania)

An outline upon the potential of *Alnus glutinosa* wood in Romanian furniture industry

emilia.salca@unitbv.ro

42



Grzegorz Kondora (Poland)

Modelling the hydrodynamics of a low-consistency refiner

kondora@imc.pcz.czest.pl

43



Jorge Manuel Branco (Portugal)

Hybrid wood-based system to build tall

jbranco@civil.uminho.pt

44



Waldemar Perdoch (Poland)

New glyceride based biocide-free wood protection systems stabilised with organosilicone compounds

waldek_p@op.pl

45



Marko Kebert (Serbia)

Changes in levels of plant hormones (IAA and ABA) as the indicators of heavy metal pollution in poplar plant species (*Populus* spp.)

markokebert@yahoo.com

46



Nuno Alves da Costa (Portugal)

VOC emission profile on particleboards made from softwoods

costa.nuno@fe.up.pt

47



Ana Cristina Pinto Monteiro (Portugal)

Economic and environmental evaluation of energetic conversion of forest biomass residues in Portugal

anacristina@ua.pt

48



Csilla Maria Csiha (Hungary)

Study of glaze adhesion as function of surface roughness and surface free energy

cscsiha@fmk.nyme.hu

49



Marko Teder (Estonia)

Condition Assessment of Glulam Arches with Non-destructive Methods (ongoing research)

marko.teder@emu.ee

50



Milica Marceta (Serbia)

Commercialization and marketing of Non-Wood Forest Products in Vojvodina

milicamarceta@ymail.com

51



Jorge A. Pinto Paiva (Portugal)

Genomic studies on molecular regulation of wood formation in Eucalyptus

jorge.paiva@iict.pt

52