

COST ACTION FP1303

4th Conference

Designing with bio-based building materials – Challenges and opportunities

WEDNESDAY 24th OCTOBER 2016			
8:30		Registration	
9:00 - 9:15		Manuel Laínez, Dennis Jones, Maite de Troya	Welcome
9:15 - 9:45	Key Note	Peter Wilson	Keynote 1: New forms of architecture for the 21st century using bio-based materials
9:45 - 10:15	Key Note	Juan Queipo de Llano	Keynote 2: Advances and handicaps of using wood-based materials in construction in Spain: an overview
10:15		Coffee	
11:00		WG1	
11:00 - 11:10	1	Stig Bardage, Lina Nunes	Intro - aims of WG1
11:10 - 11:25	2	Izabella Burawska	Natural materials used as a reinforcement of lumber
11:25 - 11:40	3	Anna Rozanska	Identification Methods of Biobased Surface Finishes on Antique Wooden Parquets
11:40 - 11:55	4	Umit Buyuksari	Properties of sandwich panels produced from MDF and thermally compressed veneers
11:55 - 12:10	5	Jan Izdinsky	Possibilities of utilisation polyethylene terephthalate recycling in particleboard production - mould test
12:10 - 12:25	6	Rostand Moutou Pitti	Hydro-mechanical behaviour of Aucoumea klaineana under drying process
12:25 - 12:40	7	Cihat Tascioglu	Impact of Wood Preservative Treatments on Mechanical Properties of E-glass/Phenolic Composite (FRP) Reinforcement for Laminated Wood Beams
13:00		Lunch	
14:00 - 14:15	8	Jaan Kers	Hygrothermal performance of cross laminated timber as external wall layer
14:15 - 14:30	9	Martin Rehme	Mechanical properties of bio-based foam in ultralight particleboards
14:30 - 14:45	10	Michael Dorn	Purpose-designed bio-composite plates for the building sector
14:45 - 15:00	11	Boštjan Lesar	Performance of windows made of thermally and non-modified norway spruce (Picea abies L.) in different climatic conditions
15:00		Coffee	
15:50		WG2	
15:50 - 16:00	12	Miha Humar, Sabrina palanti	Intro - aims of WG2
16:00 - 16:30	Key Note	Joran Jermer	Keynote 3: Results and conclusions of the WoodBuild project
16:30	13	Zuzana Vidholdova	The impacts of the construction and surrounding conditions on biodeterioration of wooden windows
16:45	14	Linda Meyer-Veltrup	Formation of cracks in wooden elements – design, moisture and durability aspects
17:00	15	David Lorenzo	The problem of exterior structures built in Northern Spain climates in Fir and Spruce due wood destroying fungi attacks. The example of a wood exterior structure in Pontevedra, Spain and the importance of design in the performance
17:15	16	Anna Sandak	Morphological changes of wood after short term natural weathering evaluated with SEM
17:30		End day 1	
19:30		Conference dinner	

THURSDAY 25th OCTOBER 2016

8:15		Arrival	
8:45		WG2 continued	
8:45	17	Zivkovic Vjekoslav	Durability is in details - example of a recently installed timber cladding in Zagreb
9:00	18	Mariana Palumbo	Performance of a new bio-based insulation board
9:15	19	Miha Humar	Influence of the retention and penetration of Cu based preservatives on the performance of softwoods in ground
9:20	20	Sofia Aparicio	A wireless system for monitoring the internal temperature and humidity values of different types of wood
9:25	21	Jorge Galván	Methodological approach to the evaluation of the CLT for use in service class 3
9:40	p1	Laszlo Tolvaj	<u>POSTER</u> : Leaching effect of rain in outdoor wooden applications
9:45	p2	Maria Cristina Popescu	<u>POSTER</u> : Design and durability of traditional wooden houses. A case study
9:50	p3	Miklos Bak	<u>POSTER</u> : Comparison of a new and a 40 years old robinia glued-laminated load bearing element
9:55	p4	Juan Fernández-Golfín	<u>POSTER</u> : Effect of sawing pattern and species on the permeability to water of two conifers: radiata and Scots pine
9:55		Coffee	
10:30		WG3	
10:30		To be announced	Intro - aims of WG3
10:45	22	Christelle Ganne-Chédeville	Sustainability indicators set for agricultural residues based panels in developing countries
11:00	23	Roman Reh	Interior designing with the surface decorative veneers made of black locust (<i>Robinia pseudoaccacia</i> L.)
11:15	24	Anna Sandak	BIO4ever project concept to promote the bio-based materials in modern construction sector
11:30	25	Nurgul Tankut	Use of Bio-based Building Materials in Turkey-Present situation and future challenges
11:45	26	Martin Weigl	Austrian wood designer buildings
12:00	27	Matthew Schwarzkopf	Challenges and opportunities of the wood construction sector – insights from the InnoRenew CoE market analysis
12:15	28	Paulina Faria	REEDCOB - An eco-efficient building technology for monolithic walls based on earth and reeds
12:30	29	Agron Bajraktari	Characteristic timber damage in cultural monuments of Kosovo
12:45	30	Lina Nunes	The challenge of building with biobased materials in termite areas
13:00		Juan Fernández-Golfín, Maite de Troya, Dennis Jones, Christian Brischke	Close of meeting
13:30		Lunch	
14:00		Management Committee meeting	
15:00		Coffee	
15:30		MC continued	
17:00		Close	