

WOODCHEM 2011 (detailed programme as of Nov, 7th 2011)

		Thursday, Dec 1st 2011
Bus shuttles & welcome		
9h30-10h30	Welcome session - official opening	
10h30-12h15	Session 1 - Wood biomass and biorefinery	
Invited lecturer : Pr Jack Saddler, University of British Columbia, Canada - "Progress in the commercialization of biomass-to-fuels and chemicals (The influence of the biomass feedstock on the process and products)"		
M-OC1	Chemical composition and potential utilization of spruce and pine bark <i>Bjarne HOLMBOM, Andrey PRANOVICH, Jens KROGELL, Sina RASELLA, Stephan WILLFÖR - Abo Akademi University, Finland</i>	
M-OC2	Mechanical pretreatment of wooden biomass using a screw press - The first step in the bio refinery <i>Qingqi YAN, Michael MODIGELL - Aachen University, Germany</i>	
M-OC3	Subcritical water treatment of cellulose pulps in a semi-continuous reactor <i>A. LOPPINET-SERANO, F. HAM-PICHAVENTB, V. COMAB, C. AYMONIERA, F. CANSELLA, S. GRELIERB - Université de Bordeaux, France</i>	
12h15-13h45	Lunch Break	
13h45-15h30	Session 2 - biochemical modification of biomass	
Invited lecturer : Dr. Michael O'Donohue, INRA, France - "Challenges and new technologies for biomass biorefining"		
M-OC4	Novel multienzyme oxydative biocatalyst for lignin bioprocessing <i>Claudia CRESTINI, Federica MELONE, Raffaele SALADINO - Tor Vergata University, Italy</i>	
M-OC5	Evaluation of some new pretreatment methods for second generation bioethanol production from wheat straw and water hyacinth <i>Yadhu Nath GURAGAIN, Joelle De CONINCK, Florence HOUSSON, Alain DURAND, Sudip Kumar RAKSHIT - Asian Institute of Technology, Thailand</i>	
M-OC6	Valorization of a prosopis juliflora heartwood extractive for the synthesis of original lipophilic and amphiphilic antioxydant compounds <i>Christine GERARDIN, Peter SIRMAH, Francis MBURU, Stéphane DUMARCAY, Philippe GERARDIN - Université Henri Poincaré, France</i>	
15h30-16h00	Coffee Break + Poster session	
16h00-18h05	Session 3 - chemical modification of biomass	
Invited lecturer : Pr Emeritus Roger Rowell, University of Wisconsin, USA - "Chemical modification of wood to produce stable and durable composites"		
M-OC7	Improvement of the properties of wood modified with mixed anhydrides (MA) and butylic anhydrides succinic anhydride (ASABU) <i>Olivier PIGNOLET, Jérôme PEYDECASTAING, Carlos VACA-GARCIA - INP/ENSIACET, France</i>	
M-OC8	The Chemical Modification of Wood. The Mechanims for Property Enhancement <i>Callum HILL - Edinburgh Napier University, UK</i>	
M-OC9	Liquefaction of Norway spruce (Picea abies) bark and its application <i>Xavier DURET, Emmanuel FREDON, Eric MASSON, Philippe GERARDIN - Université Henri Poincaré, France</i>	
M-OC10	Impact of a formic/acetic acid treatment of beech wood on delignification and chemical structure of lignins <i>M. SIMON, A. RICHEL, C. VANDERGHEM, M. PAQUOT - University of Liege, Belgium</i>	
18h30	Bus shuttles - Back to town	
20h00	Gala Diner	
Friday, Dec 2nd 2011		
Bus shuttles & welcome		
8h30-10h00	Session 4 - Transportation/Automotive & composites	
Invited lecturer : Pr Kari Kolppo, Tampere University of Technology, Finland - "Naturally renewable polymers in sustainable and energy efficient transportation"		
M-OC11	Highly Compatible Wood Thermoplastic Composites Prepared From Lignocellulosic Materials, Modified in Ionic Liquids; A Review of Recent Activity <i>Dimitri S.ARGYROPOULOS - North Carolina State University, USA</i>	
M-OC12	Layering as a way to enhance fibreboard properties <i>Elena TIKHONOVA, Michael LECOURET, Mark IRLE - FCBA, France</i>	
10h00-10h30	Coffee Break & Poster Session	
10h30-11h10	Session 5 - Healthcare & Hygiene	
M-OC13	Friendly Environmental, biodegradable composites based on polyhydroxyalkanoates, cellulose, and chitosan : from barrier materials to the microparticles for drug delivery <i>AL IORDANSKI, SZ ROGOVINA, EA ZHUKOVA, SG KARPOVA, AL ZHUKINA, MI STILMAN, X CHEN, AV REBROV, AA BERLIN - Russian Academy of Sciences</i>	
M-OC14	Bioactives stilbenes from Norway spruce (Picea Abies) root bark <i>Harri LATVA-MÄENPÄÄ, Daniel MULAT, Tapio LAAKSO, Tytti SARJALA, Kristina WÄHÄLÄ, Pekka SARANPÄÄ - The Finnish Forest Research Institute (METLA), Finlande</i>	
11h10-12h10	session 6 - Housing	
M-OC15	Wood coating by UV powders <i>Vanessa MAURIN, C. CROUTXE-BARGHORN, X. ALLONAS, J. BESSIERES, A. MERLIN, E. MASSON - ENSCMu, France</i>	
M-OC16	Functional bio-hybrid Materials synthetized via surface-initiated polymerization from renewable natural wood fiber : grafting of polymer as non leaching coating <i>Damien TASTET, Maud SAVE - IPREM, France</i>	
M-OC17	Extraction and characterisation of tannins and lignins from wood residues and their application as green resins for fibreboards. <i>Frédérique BERTAUD, Sandra TAPIN-LINGUA, Antonio PIZZI, Paola NAVARETTE, Michel PETIT-CONIL - Centre Technique du Papier, France</i>	
12h10-13h45	Lunch Break & end of the poster session	
13h45-15h30	session 7 - Building	
Invited lecturer : Dr Laurent BEDEL, Plastifibre, France - "Biobased materials to overcome challenges of the buidling sector"		
M-OC18	2nd generation of tannin-based foams for thermal insulation <i>Maria C. BASSO, Xinjun Li, Vanessa FIERRO, Antonio PIZZI, Alain CELZARD - ENSTIB, France</i>	
M-OC19	Effect of woody hemp core on the setting of cementitious binders in lightweight concrete <i>Youn DIQUELOU, Etienne GOURLAY, Laurent ARNAUD, Bernard KUREK - INRA, France</i>	
M-OC20	Condensed tanning extraction from grape pomace : characterization and utilization as wood adhesives for wood particleboard <i>Nicolas BROSSE, Lan PING, François GAMBIER, Antonio PIZZI, ZHOU Ding Guo - Université Henri Poincaré, France</i>	
15h30-15h45	Coffee Break	
15h45-17h45	Session 8 - New perspectives	
Invited lecturer : Dr Serge Tretjak, Arkema, France - "Green Gold Perspectives (Some Industrial Application of the biomass feedstock in Chemistry)"		
M-OC21	Neutron techniques for wood chemistry <i>Xavier THIBAUT, Trevor V. FORSYTH - Institut Lave Langevin, France</i>	
M-OC22	High value chemicals and (nano)composites from agro-forest materials <i>Carmen S. R. FREIRE, Armando J. D. SILVESTRE, Carlos Pascoal NETO - university of Aveiro, Portugal</i>	
M-OC23	Use of lignin as a plasticizer of wheat gluten-based biodegradable plastics <i>Antoine DUVAL, Sonia MOLINA-BOISSEAU, Christine CHIRAT - CERMAV, France</i>	
M-OC24	Development of carbonized cellulose as catalytic cathode in fuel cells <i>T. HATA, R. ASAKURA, Y. UCHIMOTO, R. BENOIT, S. BONNAMY, P. BRONSFELD - Kyoto University, Japan</i>	
17h50	Closing session	
18h00	Bus shuttles & back in town	