



LGP2, a center of innovative research

Home > Research > Scientific production

LGP2 - Communications at scientific congresses without proceedings - 2012

LGP₂



Oral presentations, workshops

1 - **BLOCH J.F.**, **DUMONT P.**, ORGEAS L., ROLLAND DU ROSCOAT S., **BRAS J.**
Smart papers, architecture materials and materials' selection criteria. Workshop,
Grenoble INP-Phelma, Grenoble (France), february 2012

2 - **BRAS J.**, LE CORRE D., VAHANIAN E., **DUFRESNE A.**
Starch nanocrystals preparation processes and influence of enzymatic pre-treatment.
243th ACS National Meeting & Exposition, San Diego (USA), 25-29 march 2012

3 - **DUFRESNE A.**
New progress and processing of polymer nanocomposites reinforced with polysaccharide nanocrystals. INTEMA, Universidad nacional de Mar del Plata, Mar del Plata (Argentina) 14 march 2012

4 - DUFRESNE A.

New progress and processing of polymer nanocomposites reinforced with polysaccharide nanocrystals. Universidad de Buenos Aires, Buenos Aires(Argentina), 20 march 2012

5 - DUFRESNE A.

Polymer nanocomposites reinforced with nanoparticles extracted from renewable resources. Centro de Investigacion y Desarrollo en Criotecnologia de Alimentos, Universidad Nacional de la Plata, La Plata (Argentina), 22 march 2012

6 - DUFRESNE A.

High performance polymer nanocomposites reinforced with renewable polysaccharide nanoparticles. Department of Mechanical Engineering, University of Canterbury, Christchurch (New Zealand), 16 october 2012

7 - DUFRESNE A.

Processing of nanocellulose based polymer nanocomposites. TAPPI Nanotechnology Division Webinar, 8 novembre 2012

8 - DUMONT P., ORGEAS L., HUBERT M., VERMEULEN B., VROMAN P., ROLLAND DU ROSCOAT S., BLOCH J.F.

Investigation of compression molding of flax fibre biocomposites. 12th International Conference on Biocomposites: Transition to Green Materials, Niagara (Canada), 6-8 may 2012

9 - DUVAL A., MOLINA-BOISSEAEU S., CHIRAT C.

Elaboration et caracterisation de matériaux gluten-lignine. 41ème Colloque National du Groupe Français des Polymères, Grenoble (France), 19-22 november 2012

10 - IKOUOUBEL K., DUMONT P., PASSAS R.

Reconstruction tridimensionnelle de la surface de fibres et suivi de leur déformation . La Garde (France), 5-8 juin 2012

11 - KARIMIMAZRAEHSAMI S., KARIMI A.N., JONOBI M., TAHIR MD, OKSMAN K., DUFRESNE A.

Isolation and characterization of cellulosic nanofiber from kenaf bast. 243th ACS National Meeting & Exposition, San Diego (USA), 25-29 march 2012

12 - MISSOUM K., BELGACEM N., BRAS J.

Surface chemical modification of nanofibrillated cellulose in ionic liquids. 243th ACS National Meeting & Exposition, San Diego (Etats-Unis), 25-29 march 2012

13 - ROUX J.C., BLOCH J.F.

The net normal force per crossing point: a unified concept for the low consistency refining of pulp suspensions. Papermaking and Biorefinery International Workshop,

South China University of Technology, Guangzhou (China), 5 november 2012

14 - SANGULARD M., CHIRAT C., JARMAN B., LACHENAL D.

Extraction of hemicelluloses from eucalyptus globulus woodchips for their valorisation into surface-active agents. European Workshop on Lignocellulosics and Pulp, Helsinki (Finland), august 2012

15 - VIGUIE J., DUMONT P., ROLLAND DU ROSCOAT S., VROMAN P., VERMEULEN B., ORGEAS L., BLOCH J.F.

X-ray microtomography and DIC technique to analyse the hygroexpansion of plant-based fibrous mats for composite materials. ECCM 15, 15th European Conference on Composite Materials, Venice (Italy), 15-24 june 2012

Poster presentations

16 - ABDALLAH W., KHIARI R., MEJRI M., BELGACEM N., MHENNI M.F.

Papermaking from Posidonia Oceanica and date palm leaves. International Workshop WCI in Hadrumete, Sousse (Tunisia), november 2012

17 - ALI I., PASSAS R., BLOCH J.F.

Effect of recycling on fibre wall of bleached softwood kraft pulp. ANQUE International Congress of Chemical Engineering, Seville (Spain) 24-27 june 2012

18 - BOUCHER J., CHIRAT C., LACHENAL D.

Simultaneous production of ethanol and softwood kraft pulp: pre-treatments and effects of inhibitors on fermentation. European Workshop on Lignocellulosics and Pulp, Helsinki (Finland), august 2012

19 - ESPINO-PEREZ E., BRAS J., GILBERT R., BELGACEM N., DOMENEK S.

Polysaccharides nanocrystals grafted with polystyrene : comparison between CAN and ozonolysis grafting methods. 41ème Colloque National du Groupe Français des Polymères, Grenoble (France), november 2012

20 - FUKUDA S., CHAUSSY D., BELGACEM N., REVERDY-BRUAS N.

Water and oil-repellencies and printability of oil-proof papers containing new type fluorochemicals. 35th Annual Meeting of the Adhesion Society (2012), New Orleans (USA), 25-29 february 2012

21 - GOPALAKRISHNAN P., SAITER J.M., BELGACEM N.

Natural fibre based composites : from surface treatment to mechanical properties. 4th International IUPAC Conference on Green Chemistry (ICGC), Fos do Iguaçu (Brazil), august 2012

22 - HANNOUZ S., MARTIN C., BRAS J.

Different nanocelluloses as additives in polymer matrix solutions: influence on rheology

properties. 243th ACS National Meeting & Exposition, San Diego (USA), 25-29 march 2012

23 - IKOUBEL K., PASSAS R., DUMONT P.

Study of wood fiber morphology and deformation by coupling a micro-robotic system and environmental scanning electron microscopy. Workshop on Nano- and Micro-Environments for Cell Biology, LIPhy laboratory, Grenoble INP, april 2012

24 - LAVOINE N., DESLOGES I., BRAS J.

Caffeine release study in a microfibrillated cellulose nanoporous structure. 243th ACS National Meeting & Exposition, San Diego (USA), 25-29 march 2012

25 - LENFANT G., TAIJA R., BRUZZESE C., POPPIUS-LEVLIN K., ROUSSIERE F., BRAS J.

Valorization of cellulose nanocrystals in xylan-based matrix for advanced packaging products. 243th ACS National Meeting & Exposition, San Diego (USA), 25-29 march 2012

26 - LIPPARELLI-MORELLI C., BRAS J., SUMAN BRETAS R.E., BRANCIFORTI M.C., BELGACEM N.

Nanocomposites of biodegradable polymer matrix and chemical modified cellulose nanocrystals. 41ème Colloque National du Groupe Français des Polymères, Grenoble (France), november 2012

27 - LIPPARELLI-MORELLI C., BRAS J., SUMAN BRETAS R.E., BRANCIFORTI M.C., BELGACEM N.

Paper and plastic packagings with antibacterial properties. 41ème Colloque National du Groupe Français des Polymères, Grenoble (France), november 2012

28 - MISSOUM K., BELGACEM M.N., MAURET E., BRAS J.

Determination and comparison of the charge of different nanofibrillated cellulose. 243th ACS National Meeting & Exposition, San Diego (USA), 25-29 march 2012

29 - PEREDA M., MARCOVICH N.E., DUFRESNE A., ARANGUREN M.I.

Chitosan based edible films with reduced water vapour permeability. 7th International Conference on Nanostructured Polymers and Nanocomposites, Prague (Czech Republic), 24-27 april 2012

30 - PEREDA M., MARCOVICH N.E., DUFRESNE A., ARANGUREN M.I.

Chitosan films modified with nano-cotton fibers and/or olive oil. International Conference on Biobased Polymers and Composites, Lac Balaton (Hungary), 27-31 may 2012

31 - SANGLARD M., CHIRAT C., MANLEY-HARRIS M., LACHENAL D.

Analysis of hemicelluloses extracted by auto-hydrolysis from eucalyptus and the impact of auto-hydrolysis conditions on their structure by MALDI-ToF-MS. European Workshop on Lignocellulosics and Pulp, Helsinki (Finland), august 2012

32 - THIBERT S., CHAUSSY D., BENEVENTI D., REVERDY-BRUAS N., JOURDAN J., BECHEVET B., MIALON S.

Silver ink experiment for silicon solar cell metallization by flexographic process. 38th IEEE Photovoltaic Specialist Conference, Austin (USA), 3-8 june 2012

33 - THIBERT S., CHAUSSY D., BENEVENTI D., REVERDY-BRUAS N., JOURDAN J., BECHEVET B., MIALON S.

Characterization of silver pastes for silicon solar cells front side metallization. Silicon PV, 2nd International Conference on Crystalline Silicon Photovoltaics, Leuven (Belgium), 3-5 april 2012

Research

Research

Research groups

Director & Managers

Scientific production

Equipments & pilots

Doctorate, post-doctorate

Partnerships-Projects

Events

Media

Financial support by

