

Publication list

2011

- ◆ **Burnet, A., Meyer, V., Petit-Conil, M.**, "Morphological characteristics of hybrid eucalyptus clones", 5th International Colloquium on Eucalyptus Pulp, Poster presentation, 9-12 May, Porto Seguro, Brazil, 2011 (Doc CTP n°2xxx).
- ◆ **Burnet, A., Meyer, V., Martinez, A., Gutierrez, A., Kalun, L., Lund, H., Romero, J., Petit-Conil, M.**, "Upscaling TCF bleaching of Eucalyptus globulus pulp using an enzyme-catalyzed oxygen delignification stage", 5th International Colloquium on Eucalyptus Pulp, Oral presentation, 9-12 May, Porto Seguro, Brazil, 2011 (Doc CTP n°2xxx).
- ◆ **Da Silva Perez, D., Nguyen Thé, N., Melun, F., Petit-Conil, M., Gautry, J.Y., Fraysse, J.Y., Grulois, S., Harvengt, L., Trontin, J.L.** "Forst tolerant eucalyptus clones: micropropagation tools and wood and pulp quality", 5th International Colloquium on Eucalyptus Pulp, Poster presentation, 9-12 May, Porto Seguro, Brazil, 2011 (Doc CTP n°2xxx).
- ◆ **Da Silva Perez, D., Nguyen Thé, N., Guillemain, A., Melun, F., Petit-Conil, M.**, "Evaluation of biomass quality of *Eucalyptus gundal* for biofuels production", 5th International Colloquium on Eucalyptus Pulp, Oral presentation, 9-12 May, Porto Seguro, Brazil, 2011 (Doc CTP n°2xxx).
- ◆ **Bertaud, F., Tapin-Lingua, S., Pizzi, A., Navarrete, P., Petit-Conil, M.**, "Development of green adhesives for fibresboards manufacturing, using tannins and lignin from pulp mill residues", 3rd Nordic Wood Biorefinery Conference, Proceedings, 22-24 March, Stockholm, Sweden, 2011 (Doc CTP n°xxxx).
- ◆ **Bigand, V., Pinel, C., da Silva Perez, D., Rataboul, F., Huber, P., Petit-Conil, M.**, "Cationisation of galactoglucomann and xylan hemicelluloses", Carbohydrate Polymers, vol. xx, n°xx, ppxx-xx, 2011 (Doc CTP n°2xxx).
- ◆ **Siqueira, G., Tapin-Lingua, S., Bras, J., da Silva Perez, D., Dufresne, A.**, "Mechanical properties of natural rubber nanocomposites reinforced with cellulosic nanoparticles obtained from combined mechanical shearing, and enzymatic and acid hydrolysis of sisal fibers", Cellulose, vol. 18, n°1, pp57, 2011.
- ◆ **Sasso, C., Beneventi, D., Zeno, E., Petit-Conil, M., Chaussy, D., Belgacem, N.**, "Carboxymethylcellulose : a conductivity enhancing additive and film-forming agent for processable polypyrrole from aqueous medium", Synthetic metals, vol. x, n°x, ppxx, 2011 (Doc CTP n°2547)- accepted for publication.
- ◆ **Lepoitevin, C., Rousseau, J-P., Guillemain, A., Gauvrit, C., Besson, F., Hubert, F., da Silva Perez, D., Harvengt, L., Plomion, C.**, "Genetic parameters of growth and wood chemical properties in *Pinus pinaster*", Annals of Forest Science, 2011.
- ◆ **Navarrete, P., Pizzi, A., Bertaud, F., Rigolet S.**, "Condensed tannin reactivity inhibition by internal rearrangements: detection by CP-MAS C NMR", Maderas Ciencias y Tecnologia, vol.13, n°1, ppxxx, January 2011 (Doc CTP n°2546).

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- ◆ **Siqueira, G., Tapin-Lingua, S., Bras, J., da Silva Perez, D., Dufresne, A.**, "Morphological

investigation of nanoparticles obtained from combined mechanical shearing, and enzymatic and acid hydrolysis of sisal fibers”, *Cellulose*, vol. 17, n°6, pp1147-1158, 2010.

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- ◆ **Sasso, C., Beneventi, D., Zeno, E., Chaussy, D., Petit-Conil, M., Nortier, P., Belgacem, N.**, “Polypyrrole synthesis via carboxymethylcellulose-iron complexes”, *Bioresources*, vol. 5, n°4, pp2348-2361, 2010 (Doc CTP n°2539).
- ◆ **Margarido, M., Anjos, O., Da Silva Perez, D., Mortha, G.**, “Effect of kraft cooking behaviour for six different softwood species”, 43rd Congress of ABTCP (Associação Brasileira Técnica de Papel e Cellulose), Proceedings on CD-Rom, 4-6 October, Sao Paulo, Brazil, 2010.
- ◆ **Margarido, M., Mortha, G., Jain, S., Da Silva Perez, D., Petit-Conil, M.**, “Effect of hardwood species in mixture during kraft cooking: modeling and experimental results”, 43rd Congress of ABTCP (Associação Brasileira Técnica de Papel e Cellulose), Proceedings on CD-Rom, 4-6 October, Sao Paulo, Brazil, 2010 (Doc CTP n°2532).
- ◆ **Siqueira, G., Bras, J., Tapin-Lingua, S., da Silva Perez, D., Dufresne, A.**, “Enzymatic and Acid Hydrolysis of Sisal Fibers: Morphological Aspects of Nanoparticles and Influence on the Mechanical Properties of Nanocomposites”, 2010 International Conference on Nanotechnology for the forest product industry, Poster Presentation, 26-29 September, Espoo, Finland, 2010.
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- ◆ **Navarette, P., Mansouri, H.R., Pizzi, A., Tapin-Lingua, S., Benjelloun-Mlayah, B., Pasch, H., Rigolet, S.**, “Wood panel adhesives from low molecular mass lignin and tannin without synthetic resins”, *Journal of Adhesion Science and Technology*, vol. 24, n°8, pp1597-1610, 2010.
- ◆ **Sasso, C., Zeno, E., Chaussy, D., Beneventi, D., Belgacem, N., Petit-Conil, M.**, “Highly conducting polypyrrole/cellulose nanocomposite films with enhanced mechanical properties”, *Macromolecular materials & engineering*, vol. 295, ppxx-xx, 2010 (Doc CTP n°2533).
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- ◆ **Lecourt, M., Soranzo, A., Baldi, R., Petit-Conil, M.**, “Refining of radiata pine and eucalyptus kraft pulps assisted with commercial laccase mediator systems”, XXI TECNICELPA Conference - VI Iberoamerican Congress on Pulp and Paper Research - CIADICYP 2010, Proceedings, 12-15 October, Lisbon, Portugal, 2010 (Doc CTP n°2538).
- ◆ **Ruiz, J., Sacon, V.M., Pescatori Silva, F.H., Eichhorn, S., Bley, L., Sabel, H., Villette, M.J., Eymin Petot-Tourtollet, G., Petit-Conil, M.**, “Tissue softness potential: an objective on-line industrial value”, *Revue ATIP*, vol. 64, n°3, pp10-15, August-September 2010 (Doc CTP n°2526).
- ◆ **Da Silva Perez, D., Guillemain, A., Petit-Conil, M.**, “Strategies for surface fibre functionalization using TEMPO-mediated oxidation”, 11th European Workshop on Lignocellulosics and Pulp, Proceedings pp377-380, 16-19 August, Hamburg, Germany, 2010 (Doc CTP n°xxxx).
- ◆ **Da Silva Perez, D., Guillemain, A., Nougier, P., Bouvet, A., Bailly, A., Voiron, S., Petit-Conil, M.**, “Biorefinery approach applied to chestnut for the production of tannins and kraft pulp”, 11th European Workshop on Lignocellulosics and Pulp, Proceedings pp73-76, 16-19 August, Hamburg, Germany, 2010 (Doc CTP n°xxxx).
- ◆ **Petit-Conil, M.**, “What's new... on high-yield pulps”, n°28, April 2010 (Doc CTP n°2518).
- ◆ **Ruiz, J., Sacon, V.M., Silva, F.P., Eichhorn, S., Bley, L., Sabel, H., Janssen, W., Eymin Petot-Tourtollet, G., Petit-Conil, M.**, “Pulp softness potential: a methodology to assess and compare pulps”, *O' Papel*, vol. 71, n°3, pp31-45, March 2010 (Doc CTP n°2521).
- ◆ **Mansouri, H.R., Navarrete, P., Pizzi, A., Tapin-Lingua, S., Benjelloun-Mlayah, B.**

- Pasch, H., Rigolet, S.** "Synthetic-resin free wood panel adhesives from mixed low molecular mass lignin and tannin", *European Journal of wood and wood products*, vol. X, ppxx-xx, March 2010.
- ◆ **Da Silva Perez, Berthelot, A., Nguyen-Thé, N., Guillemain, A., De Morogues, F., Dupont, C., Bellot, C., Gomes, C., Chabbert, B., Briand, S., Labouée, C., Leygue, J.-Ph., Labalette, F.**, "Qualité bioénergétique de la biomasse forestière en vue de la production de biocarburants de 2ème génération", *Revue Forestière Française*, vol. xx, n°xx ppxx-xx, 2010.
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 - ◆ **Da Silva Perez, D., Guillemain, A., Moreau, J. Berthelot, A.** "Evaluation de la qualité des plaquettes forestières au cours du stockage", *Colloque final du programme national REGIX : Biomasse pour l'énergie*. Proceedings, Poster Presentation, 4 May, Lyon, France, 2010.
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 - ◆ **Nguyen-Thé, N., Melun, F., Bouvet, A., Da Silva Perez, D.**, "Evaluation of the biomass production potential, mineral export and the quality of wood chips of eucalyptus in a perspective of culture in VSRC", 18th European Biomass Conference and Exhibition, From research to industry and markets, Proceedings ppxx-xx, 3-7 May, Lyon, France, 2010.
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 - ◆ **Tapin-Lingua, S., da Silva Perez, D., Petit-Conil, M.**, "Biopulping of maritime pine: use of fungal pre-treatments to improve kraft and bisulfite pulping", 1st Symposium on biotechnology applied to lignocelluloses, Poster Presentation, Abstract Proceedings, 29 March – 1 April, Reims, France, 2010.
 - ◆ **Bertaud, F., Ravalason, H., Gimbert, I., Asther, M., Sigoillot, J.C., Petit-Conil, M.**, "A new laccase-CBM chimeric enzyme for efficient bio-bleaching of kraft pulps", 1st Symposium on biotechnology applied to lignocelluloses, Abstract Proceedings, 29 March – 1 April, Reims, France, 2010 (Doc CTP 2525).
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- ◆ **Da Silva Perez, D., Guillemain, A., Berthelot, A., N’Guyen-The, N., de Morogues, F., Gomes, C.**, “Evaluation of forestry biomass quality for the production of second-generation biofuels”, Cellulose Chemistry and Technology, vol. 44, n°1-3, pp1-14, January-March 2010.
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 - ◆ **Da Silva Perez, D.**, "Overview of cellulose nanocrystals and nanofibres: the science and the technology. A European perspective", OCDE Conference on potential environmental benefits of nanotechnology: fostering safe innovation – Led growth, Proceedings Presentations, 15-17 July, Paris, France, 2009.
 - ◆ **Cloutier, J.N., Lecourt, M., Petit-Conil, M.**, "Ozonation of TMP. Part I: Direction ozone injection in the eye of the secondary refiner", PACWEST Conference, Proceedings Presentations, 10-13 June, Delta Sun Peaks, BC Canada, 2009 (Doc CTP n°2473)
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