

Publication list

2020

- ◆ Jeannin, T., Yung, L., Evon, P., Labonne, L., Ouagne, P., Lecourt, M., Cazaux, D., Chalot, M., Placet, V., Deroubaix, G., Chalot, M., "Native stinging nettle (*Urtica dioica* L.) growing spontaneously under short rotation coppice for phytomanagement of trace element contaminated soils: Fibre yield, processability and quality", *Industrial Crops and Products*, vol. xx, ppx-xx, January 2020 (under press).

◆ 2019

- ◆ De Vaugelas, F., "Un nouveau procédé pour valoriser la lignine", *Formule Verte*, n°41, p41, décembre 2019.
- ◆ Lecourt, M., Despres, A., Placet, V., Deroubaix, G., Chalot, M., "PhytoFiber : Valoriser les fibres végétales de biomasses issues de sols contaminés au travers de la production de produits manufacturés", 4^{ième} Rencontres Nationales de la Recherche sur les Sites & Sols Pollués, Poster presentation, Award for Best Poster, Beffroi de Montrouge, France, 27-28 novembre 2019.
- ◆ Achilli, S., Tapin-Lingua, S., Ogawa, Y., Lancelon-Pin, C., Putaux, J.L., Ravelet, C., Peyrin, E., "Aptabois: development of aptamer for diagnostic in wood", *WoodChem 2019 Wood Conquering Chemistry*, Poster presentation, Nancy, France, 20-22 novembre 2019.
- ◆ Tapin-Lingua, S., da Silva Perez, D., Montibus, M., Petit-Conil, M., "Wood treatments by lignin to improve durability", *WoodChem 2019 Wood Conquering Chemistry*, Oral presentation, Nancy, France, 20-22 novembre 2019.
- ◆ da Silva Perez, D., Lecourt, M., Ruiz, J., Petit-Conil, M., "Potential of pulps softness for tissue: the contribution from wood species, pulp morphology, chemical composition refining and additives", *Third International Symposium on Tissue and Recycling Paper Research and Technology*, 52nd ABTCP congress, Oral

presentation, San Paolo, Brazil, 22-24 octobre 2019 (Doc CTP xxxx).

- ◆ Mounquengui-Dialo, M., Sadier, A., Noly, E., Da Silva Perez, D., Pinel, C., Perret, N., Besson, M., "C-O bond hydrogenolysis of aqueous mixtures of sugar polyols and sugars over redox-Rh/ZrO₂ catalyst: Application to an hemicelluloses extracted liquor", *Catalysts*, vol.9, n°740, 22pp, August 2019.
- ◆ da Silva Perez, D., Bigand, V., Belmokkadem, F.-Z., Chemin, M., Huber, P., Rataboul, F., Pinel, C., Grelier, S., Cramail, H., Petit-Conil, M., "Valorisation des hémicelluloses: Extraction et modifications chimiques", *Chimie pour la transformation durable de la ressource lignocellulosique*, Chapter IV-3, Presses Universitaires de Bordeaux, Collection "Esprit des bois", pp71-117 Stevanovic Tatjana Editor, 2019.
- ◆ Lecourt, M., Martinez, P., Marlin, N., Mortha, G., Wong, Y.-S., Podgorski, L., "Nouvelles alternatives pour limiter les interactions entre le bois et l'eau", *Bois International.com*, July 2019 (<http://www.leboisinternational.com/de-nouvelles-alternatives-pour-limiter-linteraction-du-bois-avec-leau/>).
- ◆ Labat, G., Rakotoveloa, A., Billon, L., Larraya, C., "New biobased fire retardant for wood based insulation boards", *FRPM European meeting on fibre retardant polymeric materials*, Oral presentation, Turku, Finland, 26-28 June 2019.
- ◆ Moreau, C., Tapin-Lingua, C., Grisel, S., Gimbert, I., Le Gall, S., Beury, N., Meyer, V., Petit-Conil, M., Berrin, J.-G., Cathala, B., Villares, A., "Lytic Polysaccharide Monoxygenases (LPMOs) facilitate Cellulose Nanofibrils production", *Biotechnology for biofuels*, vol. 12, n°156, 13pp, June 2019 (Doc CTP 3041).
- ◆ Regazzi, A., Viguié, J., Harthong, B., Dumont, P.J.J., Imbault, D., Peyroux, R., Rueff, M., Guérin, D., Leroy, L., Krouit, M., Petit-Conil, M., "Ultrasonic welding of 100%

lignocellulosic papers”, *Journal of Materials Science*, pp1-13, June 2019 (Doc CTP 3040).

- ◆ **Lecourt, M., Reynaud, C., Podgorski, L., Martinez, P., Mortha, G., Marlin, N., Wong, Y.-S.**, “Recherche de solutions nouvelles pour limiter les interactions entre le bois et l’eau”, *Mention Bois*, n°17, pp9, June 2019 (Doc CTP 3037).
- ◆ **Rol, F., Belgacem, N., Meyer, V., Petit-Conil, M., Bras, J.**, “Production of fire-retardant phosphorylated cellulose fibrils by twin-screw extrusion with low energy consumption”, *Cellulose*, vol.26, n°9 pp5635-5651, June 2019 (Doc CTP 3032).
- ◆ **Meyer, V.**, “Extrusion Bivis : pour la conversion de la biomasse en fibres, MFC et molécules”, *Rendez-vous CTP, What’s on CTP*, Oral presentation, Grenoble, France, 22 May 2019 (Doc CTP 3052).
- ◆ **Burnet, A.**, “Un nouvel outil pour extraire des molécules naturelles et des fibres à partir des matériaux lignocellulosiques (bois & plantes annuelles)”, *Rendez-vous CTP, What’s on CTP*, Oral presentation, Grenoble, France, 22 May 2019 (Doc CTP 3051).
- ◆ **Burnet, A., Petit-Conil, M., Prum, L.**, “Stade Oxygène : Sécuriser vos investissements industriels par la validation pilote”, *Rendez-vous CTP, What’s on CTP*, Oral presentation, Grenoble, France, 22 May 2019 (Doc CTP 3045).
- ◆ **Bertaud, F., Moindrot, J.**, “ILIQO, un projet fondateur pour comprendre et orienter les voies de la valorisation des lignines papetières”, *Rendez-vous CTP, What’s on CTP*, Oral presentation, Grenoble, France, 22 May 2019 (Doc CTP 3047).
- ◆ **Mounguengui-Diallo, M., Said, A., da Silva Perez, D., Nikitine, C., Puchot, L., Habibi, Y., Pinel, C., Perret, N., Besson, M.**, “Aerobic oxidation of C4-C6 α,ω - diols to the diacids in base-free medium over zirconia-supported (bi)metallic catalysts”, *New Journal of Chemistry*, vol.43, pp9873-9885, May 2019.
- ◆ **Sebhat, W., El-Roz, A., Crepet, A., Ladavière, C., da Silva Perez, D., Mangematin, S., Cabral Almada, C., Vilcocq, L., Djakovitch, L., Fongarland, P.**, “Comparative study of solvolysis of technical lignins in flow reactor, *Biomass Conversion & Biorefinery*, DOI 10.1007/s13399-019-00435-z, May 2019.
- ◆ **Lecourt, M.**, “Environmentally friendly solutions for limiting visual wood defaults faced in packaging”, *Plant Based Summit*, Oral presentation, Lyon, France, 22-24 May 2019.
- ◆ **Rol, F., Saini, S., Meyer, V., Petit-Conil, M., Bras, J.**, “Production of cationic nanofibrils of cellulose by twin-screw extrusion”, *Industrial Crops and Products*, vol.137, pp81-88, April 2019 (Doc CTP 3031).
- ◆ **Bertaud, F.**, “Know-how and expertise on lignin at CTP”, *LignoCost 2nd meeting*, Flash presentation, Wageningen, Netherlands, 13-15 March 2019 (Doc CTP 3039).
- ◆ **Rol, F.**, “Cellulose pretreatments for a nanofibrillation by twin-screw extrusion”, PhD from Grenoble Alpes University, Speciality Materials, Mechanics, Civil engineering and electrochemistry, defended on 1 february 2019 (Doc CTP 3038).
- ◆ **González Martínez, M., Dupont, C., da Silva Perez, D., Míguez-Rodríguez, L., Gateau, M., Thiéry, S., Tamminen, T., Meyer, X.M., Gourdon, C.**, “Assessing the suitability of recovering shrub biowaste involved in wildland fires in the South of Europe through torrefaction mobile units”, *Journal of Environmental Management*, vol. 236, pp551-560, 2019.
- ◆ **Bouchut, A.**, “New process for wood panelboard surface functionalisation”, PhD from University of Lyon, Speciality Materials – Polymers Chemistry, defended on 18 January 2019 (in French).

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- ◆ **Garajova, D., Patel, I., Lomascolo, A., Legée, F., Cézard, L., Cottyn, B., Lecourt, M., Tapin-Lingua, S., Baumberger, S., Faulds, C.B., Record, E.**, “Oligomerization of phenolic extractives upon wood fibers treatment with laccase systems: contribution to fiberboards properties improvement”, *Journal of Wood Chemistry and Technology*, vol. xxx, n°xx, ppxx-xx, 2018 (in press).
- ◆ **Tapin-Lingua, S.**, “Valorisation des lignines : une alternative biosourcée pour les matériaux de construction”, *Journée CVT AllEnvi – Le bois une ressource pour la chimie*, Flash presentation, Maisons Alfort, France, 12 decembre 2018.
- ◆ **Da Silva Perez, D.**, “Hémicelluloses : un des composants de la biomasse les plus versatiles pour la chimie verte et les biomatériaux”, *Journée CVT AllEnvi – Le bois une ressource pour la chimie*, Flash presentation, Maisons Alfort, France, 12 decembre 2018.

- ◆ **Bertaud, F.**, “Valorisation des sous-produits et des co-produits du bois : cas des usines de pâtes à papier”, Journée CVT AllEnvi – Le bois une ressource pour la chimie, Flash presentation, Maisons Alfort, France, 12 décembre 2018 (Doc CTP 3024).
- ◆ **Labat, G., Fournier, T.**, “Fabrication additive: la lignine, matière première renouvelable pour les matériaux d'impression”, Xylo dating, Xylofutur Cluster, Oral presentation, Mourenx, France, 06 décembre 2018.
- ◆ **Moreau, C., Vilares, A., Gimbert, I., Grisel, S., Meyer, V., Tapin-Lingua, S., Bennati-Granier, C., Garajova, S., Petit-Conil, M., Berrin, J.G., Cathala, B.**, “Lytic polysaccharide monooxygenases (LPMO) promote cellulose fiber defibrillation: a new tool for cellulose nanofibril production ?”, 2nd LPMO Symposium, Oral presentation, Marseille, France, 7-9 Novembre 2018 (Doc CTP 3015).
- ◆ **Meyer, V., Lecourt, M., Tapin-Lingua, S., Petit-Conil, M.**, “Production of Microfibrillated Cellulose (MFC) from Chemical and Mechanical Pulps to Enhance TMP and DIP Paper Properties”, ATIP Journal, vol.72, n°3, pp6-16, October 2018 (Doc CTP 3017)
- ◆ **Bouchut, A., Pettignano, A., Moreau, C., Cathala, B., Lecourt, M., Petit-Conil, M., Bernard, J., Charlot, A., Fleury, E.**, “Cellulose Surface Modification through adsorption of functionalized polysaccharides”, 3rd International Conference on Biopolymers & Polymer Chemistry, Oral presentation, Prague, Czech Republic, 22-23 October 2018
- ◆ **Rosselgong, J., Chemin, M., Cabral Almada, C., Hemery, G., Guigner, J.M., Chollet, G., Labat, G., da Silva Perez, D., Ham-Pichavant, F., Grau, E., Grelier, S., Lecommandoux, S., Cramail, H.**, “Synthesis and Self-Assembly of Xylan-Based Amphiphiles: From Bio-Based Vesicles to Antifungal Properties”, Biomacromolecules, DOI:10.1021/acs.biomac.8b01210, October 2018.
- ◆ **Bertaud, F., Ndjapa Kouakui, A., Rousset, X., Hubert, P., Molina-Boisseau, S.**, “Analyse comparative granulométrique de poudres de lignine Kraft par diffraction Laser et analyse d'Image : Etude de l'influence des conditions de préparation des échantillons”, Journée Technique Pôle AXELERA, Analyse et contrôle en ligne pour les procédés particuliers, Saint Etienne, France, 10 Octobre 2018 (Doc CTP 3064).
- ◆ **Labat, G., Legoux, D., Garcia, P., Bossanne, E., Fournier, T., Magro, C.**, “WO3D: integration d'une technologie 3D à partir de matériaux biosourcés à base de bois – Une opportunité pour le secteur de la construction et de l'ameublement”, Clud ACD Innovation – Chantier Naval de Bordeaux, Oral presentation, Bordeaux, France, 04 Octobre 2018.
- ◆ **Rol, F., Banville, G., Meyer, V., Petit-Conil, M., Bras, J.**, “Combination of twin-screw extruder and homogenizer to produce high-quality nanofibrillated cellulose with low energy consumption”, Journal of Materials Science, vol.53 n°17 pp12604-12615, Septembre 2018 (Doc CTP 2994).
- ◆ **da Silva Perez, D.**, “Potential of eucalyptus as source of molecules for green chemistry”, Eucalyptus 2018 Conference Managing Eucalyptus plantations under global changes, Oral presentation, Montpellier, France, 17-21 septembre 2018.
- ◆ **Lecourt, M., da Silva Perez, D., Petit-Conil, M.**, “Comparison of the refining behaviour of different commercial eucalyptus chemical pulps”, Eucalyptus 2018 Conference Managing Eucalyptus plantations under global changes, Oral presentation, Montpellier, France, 17-21 septembre 2018.
- ◆ **Salah, S., Martinez, P., Lecourt, M., Marlin, N., Mortha, G., Wong, Y.S.**, “Innovative treatments to limit the interaction of solid woods with water”, 6th CIPST-KTAPPI Changgang Forum, Chucheon, South Korea, 13 september 2018 (Doc CTP 3014)
- ◆ **Mangiante, G., Alcouffe, P., Gaborieau, M., Zeno, E., Petit-Conil, M., Bernard, J., Charlot, A., Fleury, E.**, “Biohybrid cellulose fibers: toward paper materials with wet strength properties”, Carbohydrates Polymers, vol.193, pp353-361, August 2018 (Doc CTP 2992).
- ◆ **da Silva Perez, D.**, “Développement de nouveaux matériaux biosourcés - Valorisation conjointe de composants du bois et d'acides gras, FCBA Info, <http://www.fcba.fr/fcbainfo>, 23 July 2018.
- ◆ **Bertaud, F., Chareyre, P., Petit-Conil, M.**, “Volatile terpene emissions in pulp mills: investigation of a Kraft pulp mill and potential recovering in a TMP mill”, ATIP Journal, vol.72, n°2, pp6-10, June-July 2018 (Doc CTP 3012).
- ◆ **Tapin-Lingua, S. da Silva Perez, D., Montibus, M., Petit-Conil, M.**, “Improvement of Wood Durability by industrial lignin impregnation”, ELB2018 Conference – Exploring Lignocellulosic Biomass, Challenges and opportunity for bioeconomy, Proceedings,

Poster presentation, Reims, France, 26-29 June 2018.

- ◆ **Bertaud, F.**, “The main routes of lignin productions and applications”, Solvay Seminar, Oral Presentation, Brussels, Belgium, 16 June 2018.
- ◆ **Bertaud, F.**, “Biorefinery applied to pulp mills: Lignin Valorisation”, Journée Thématique sur l'application des innovations en Bio Contrôle et Bio Stimulation, Bio-Speed Consortium, Oral Presentation, Dijon, France, 14 June 2018 (Doc CTP 3009).
- ◆ **Charlot, A., Bouchut, A., Pettignano, A., Moreau, C., Cathala, B., Lecourt, M., Petit-Conil, M., Bernard, J., Fleury, E.**, “Functionalization of Cellulosic substrates through physical adsorption of reactive polysaccharides”, Polymers and Organic Chemistry Conference, Oral presentation, Palavas les Flots, France, 2-6 June 2018.
- ◆ **Burnet, A., Marcon, J., Marlin, N., Petit-Conil, M., Mortha, G.**, “Innovative approaches for chemical pulp bleaching with lower environmental impact”, Rendez-Vous CTP, Oral presentation, 30 May 2018 (Doc CTP 3008).
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- ◆ **Lecourt, M.**, “Wood conservation: Green solutions for tomorrow”, FEFPEB members meeting, Oral presentation, Lille, France, 24 May 2018.
- ◆ **Serrano, L., Esakkimuthu, E.S., Marlin, N., Brochier-Salon, M.C., Mortha, G., Bertaud, F.**, “Fast, easy and economical quantification of lignin phenolic hydroxyl groups. Comparison with classical techniques”, Energy & Fuels, DOI publication, April 2018 (doc CTP 2993).
- ◆ **Bertaud, F.**, “Volatile Terpene Emissions from Wood Processing in Pulp Mills”, Terpenes: Biosynthesis, Applications and Research, Chapter 3, 28pp, Nova Science Publishers Inc. Editors, 2018 (Doc CTP 2991).
- ◆ **Lecourt, M.**, “Préservation du bois : les solutions vertes de demain”, Conférence Futuropalette – Paris 2018, Oral presentation, Paris, France, 05 April 2018.
- ◆ **Lecourt, M., Pohler, T., Hornatoska, J., Salmen, L., Jetsu, P.**, “Design profiles of novel kraft pulp and TMP based foam formed thermal insulation materials observed by X-ray tomography and densitometry”, *Holzforschung*, vol.72, n°5, pp397-404, 2018.
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- ◆ **Cacciottolo, C., Lenon, G.**, “Innovative industrial solutions for biomaterials and processes”, Canada & USA Symop – Innovative tailor-made solutions technologies for the pulp and paper industry: the French Touch, Dorval, Canada, March 2018 (Doc CTP 2988).
- ◆ **Huber, P., Carré, B., Kumar, S., Lecourt, M.**, “Optimum strategies for pulp fractions refining”, *Nordic Pulp and Paper Research Journal*, vol.33, n°1, pp105-111, March 2018 (Doc CTP 2981).
- ◆ **Burnet, A., Marcon, J., Mortha, G., Marlin, N., Huber, P., Petit-Conil, M.**, “Innovative approaches for chemical pulp bleaching with lower environmental impact”, *ATIP Journal*, vol.71, n°4, pp6-10, 2018 (Doc CTP 2960).

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- ◆ **Lecourt, M., Tapin-Lingua, S., Martinez, P., Marlin, N., Mortha, G., Wong, Y.S., Petit-Conil, M.**, “Investigation of some solutions modifying wood and water interactions”, WoodChem conference, Poster presentation, Nancy, France, 6-7 Decembre 2017 (Doc CTP 2982).
- ◆ **Marcon, J., Burnet, A.**, “Innovative approaches for chemical pulp bleaching with lower environmental impact”, European Paper Week, Sense the future, Blue Sky Young Researchers and Innovation Award, Oral presentation, Brussels, Belgium, 28 Novembre 2017 (Doc CTP 2976).

- ◆ **Morin, V.**, “Breakthrough technologies to enhance pulp and paper machine efficiency”, PAPEREX- 13th international exhibition & conference on pulp paper & allied industries, Oral Presentation, New-Dheli, India, 1-3 Novembre 2017 (Doc CTP 2971).
- ◆ **Labat, G., Billon, L., Larraya, C.**, “Production et économies d’énergie renouvelables – Travaux de recherche menés conjointement entre l’institut technologique FCBA et l’IPREM Equipe EPCP : mise au point de formulations biosourcées à efficacité ignifugeante”, Les Rencontres Laboratoires entreprises Transition énergétique et chimie, construisons les innovations de demain, Oral presentation, Mourenx, France, 24 october 2017.
- ◆ **Serrano, L., Esakkimuthu, E.S., Marlin, N., Bertaud, F., Mortha, G.**, “Fast method for lignin phenolic hydroxyl groups quantification. Comparison with classical techniques”, 10th World congress of chemical engineering, Oral Presentation, Barcelona, Spain, 1-5 October 2017 (Doc CTP 2938).
- ◆ **Labat, G., Gaillard, J.M., Raphalen, E., Henri, F.**, “Détermination du contenu biosourcé de matériaux selon les normes en cours EN16785 (1) et (2) – Etude de la faisabilité d’application de cette norme aux secteurs industries de la filière bois”, Journée « La normalisation des produits biosourcés pour gagner des marchés », Oral presentation, Paris, France, 19 Septembre 2017.
- ◆ **da Silva Perez, D., Bigand, V., Belmokkadem, F.-Z., Chemin, M., Huber, P., Rataboul, F., Pinel, C., Grelier, S., Cramail, H., Petit-Conil, M.**, “Extraction, modifications chimiques et valorization des hémicelluloses”, Chimie pour la transformation durable de la ressource lignocellulosique”, Chapitre, Presses Universitaires de France, Ed. Tjiana S. Janezic, in press, 2017.
- ◆ **Huber, P., Nivelon, S., Ottenio, P., Shelcher, M., Burnet, A.**, “Prediction of mineral deposits in kraft pulp bleaching lines through chemical process simulation”, 16th Fundamental Research Symposium, Oral presentation, Proceedings, vol.1, Session 3, pp451-485, Pembroke college, Oxford, United Kingdom, 3-8 Septembre 2017 (Doc CTP 2964).
- ◆ **Said, A., da Silva Perez, D., Perret, N., Besson, M., Pinel, C.**, “Selective C-O bond hydrogenolysis of erythritol over supported Rh-ReOx catalysts in aqueous phase”, Poster presentation, EuropaCat conference, Florence, Italy, 27-31 August 2017.
- ◆ **Da Silva Perez, D., Tapin-Lingua, S., Kieffer, R., Andréoletti, B., Nunes-Coelho, A., Dufaud-Nicolai, V., Woldemichael, S., Cabral-Almada, C., Fontgarland, P., Djakovich, L.**, “Different strategies for heterogeneous catalytic conversion of kraft lignin”, International Symposium on Wood, Fibres and Pulp Chemistry, Oral presentation, Proceedings, Porto Seguro, Bahia, Brazil, 29-31 August 2017.
- ◆ **Burnet, A., Marcon, J., Mortha, G., Marlin, N., Huber, P., Petit-Conil, M.**, “Innovative approaches for chemical pulp bleaching with lower environmental impact”, International Pulp Bleaching Conference, Oral presentation, Proceedings, Porto Seguro, Bahia, Brazil, 28-30 August 2017 (Doc CTP 2955).
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- ◆ **Petit-Conil, M.**, “The nanocellulose, a new way to valorize the cellulose”, Journée de l’Association Française des Vendeurs de Pâtes, Oral presentation, Divonne les bains, France, 15 June 2017 (Doc CTP 2952).
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- ◆ **Said, A., da Silva Perez, D., Perret, N., Pinel, C., Besson, M.**, “Selective C-O hydrogenolysis of erythritol over supported Rh-ReOx catalysts in aqueous phase” 4th International Symposium on Green Chemistry, Flash communication, La Rochelle, France, 16-19 May 2017.

- ◆ **Tapin-Lingua, S., da Silva Perez, D., Montibus, M., Petit-Conil, M.**, “Use of lignin to improve wood durability”, 4th International Symposium on Green Chemistry, Poster Presentation, La Rochelle, France, 16-19 May 2017.
- ◆ **Bertaud, F., Lichère, H., Serrano, L., Mortha, G., Marlin, N.**, “Determination of functional groups of industrial lignins as key indicators for their use as novel green ingredients”, 4th International Symposium on Green Chemistry, Flash Presentation, La Rochelle, France, 16-19 May 2017 (Doc CTP 2963).
- ◆ **Burnet, A., Petit-Conil, M.**, “PolyWood – Extraction d’hémicelluloses du bois pour la production de polyamides”, Journée AXELERA de valorisation du projet FUI PolyWood, Oral presentation, Grenoble, France, 10 May 2017 (Doc CTP n° 2942).
- ◆ **Bertaud, F., Petit-Conil, M.**, “Terpènes, colophane et TOFA extraits du bois : une valeur ajoutée pour les usines de pâte à papier”, Journée AXELERA de valorisation du projet FUI PolyWood, Oral presentation, Grenoble, France, 10 May 2017 (Doc CTP 2941).
- ◆ **Bertaud, F., Dufour, A., Mauviel, G.**, “Phenolique – Production de composés phénoliques par liquéfaction de la lignine”, Journée AXELERA de valorisation du projet FUI PolyWood, Oral presentation, Grenoble, France, 10 May 2017 (Doc CTP 2940).
- ◆ **Habibi, Y., Puchot, L., Verge, P., da Silva Perez, D.**, “Chain extension of low molecular hemicelluloses toward new polymeric materials”, EuroFillers Polymers Blends Conference, Bio-based polymers and biocomposites topic, Poster presentation, Hersonissos, Heraklion Crete, Greece, 23-27 April 2017.
- ◆ **Rol, F., Bras, J., Meyer, V., Petit-Conil, M., El Kissi, N., Belgacem, N.**, “Cellulose fibre in situ fibrillation by twin screw extrusion”, 253rd ACS National Meeting, Division of Cellulose and Renewable Materials - Nanocellulose processing & analysis – Fundamentals, Oral presentation, San Francisco, California, USA, 2-6 April 2017 (Doc CTP 2956).
- ◆ **Falcoz-Vigne, L., Ogawa, Y., Meyer, V., Petit-Conil, M., Nishiyama, Y., Heux, L.**, “Interaction of β -(1-4) xylan with cellulose surface in biomimetic reconstructed models”, 253rd ACS National Meeting, Division of Cellulose and Renewable Materials - Nanocellulose processing & analysis – Fundamentals, Oral presentation, San Francisco, California, USA, 2-6 April 2017 (Doc CTP 2946).
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- ◆ **Da Silva Perez, D., Bigand, V., Pinel, C., Rataboul, F., Huber, P., Petit-Conil, M.**, “Hemicelluloses cationisation: comparison of liquid and solid phase preparation”, 253rd ACS National Meeting, Division of Cellulose and Renewable Materials - Advances in polysaccharides practices & applications – Preparation, characterisation & applications, Oral Presentation, San Francisco, California, USA, 2-6 April 2017 (Doc CTP 2943).
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