

AFORE presentations

Abächerli, A., Nguyen, T.Q., Lora, J., Lepifre, S., Gosselink, R., Guigo, N.; von Arx, U. 2010. Application oriented testing of a non wood soda lignin and its fractions produced by ultrafiltration, EWLP,16.-19.8. 2010.

Barreiro, S., Tomé, M. 2010. SIMPLOT: Regional forest simulator based on inventory plots developed for eucalyptus in Portugal. Novas Tecnologias em Gestão Florestal Sustentável - NOVTEC2010, 25-26/11/2010.

Bodirlau, R., Darie, R.N., Teaca, C.A. and Spiridon, I. 2011. New spruce wood flour reinforced polypropylene composites: effect of accelerated weathering on physical-mechanical properties. EUROPOC2011: Biobased polymers and Related Biomaterials Gargnano, Italy, 29 May – 3 June , 2011.

Darie, R.N., and Spiridon, I. 2011. Artificial accelerated weathering upon LDPE/eucalypt wood flour composites. EUROPOC2011: Biobased polymers and Related Biomaterials Gargnano, Italy, 29 May – 3 June , 2011.

Domingues, R.M., Sousa, G.D.A., Silva, C.M.S., Freire, C.S.R., Silvestre, A.J.D., Pascoal Neto, C. 2011. Eucalyptus Biomass Residues from Agroforest and Pulping Industry as Source of High Value Triterpenic Compounds. The 3rd Nordic Wood Biorefinery conference, 22-24 March, 2011, Stockholm, pp. 344-345.

Hakala, T., Hyvärinen, S., Liitiä T., Suurnäkki, A. 2010. Enzyme-assisted extraction of hemicelluloses and lignin from organosolv pulps, Proceedings of 11th EWLP held in Hamburg the 16th-19th of August 2010. pp 153 - 156

Hakola, M., Lankinen, E., Lahtinen, P., Leskelä, M., Repo, T., Riekkola, T., Wrigstedt, P., Kallioinen, A., Rovio, S., Siika-aho, M., Uusitalo, J., Vuorela, S., von Weymarn, N. 2011. Liberation of Cellulose from the Lignin Cage, The 3rd Nordic Wood Biorefinery Conference, 22-24 March, 2011, Stockholm, Sweden

Hakala, T.K., Liitiä T. and Suurnäkki A. 2011. Isolation of oligosaccharides and xylan from kraft pulp by enzyme-aided alkaline extraction. Presentation at Italic6, September 5-8,2011, Viterbo, Italy.

Hakala, T.K., Liitiä T. and Suurnäkki A. 2011. Isolation of oligosaccharides and xylan from kraft pulp by enzyme-aided alkaline extraction. Poster presentation at 2nd International Oolysaccharide Conference, August 29 - September 2, 2011, Wageningen, The Netherlands.



afore

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Hakala, T., Liitiä, T. and Suurnäkki, A. 2011. Isolation of oligosaccharides and xylan from kraft pulp by enzyme-aided alkaline extraction. AFORE local workshop, 24 March, 2011, Stockholm.

Hakola, M., Kemell, M., Lahtinen, P., Leskelä, M., Repo, T., Riekkola, T., Wrigstedt, P., Kallionen, A., Siika-aho, M. and von Weymarn, N. 2011. Liberation of Cellulose from the Lignin Cage. AFORE local workshop, 24 March, 2011, Stockholm.

Heil, G. 2011. Phenolic resin replacement from renewable resources: analysis of barriers and incentives using a Delphi method approach. Master's Thesis, University of Natural Resources and Life Sciences.

Heil, G., Stern, T. and Schwarzbauer, P. 2011. A Phenol-Resin Substitute from Renewable Resources: Why Lignin did not yet establish in Wood-based Panel Industry? An Analysis of the Barriers and Incentives using a Delphi Method Approach. AFORE local workshop, 24 March, 2011, Stockholm.

Hyvärinen, S., Hakala, T., Tamminen, T., Mikkonen, H and Suurnäkki, A. 2011. Organosolv cooking by Lignofibre (LGF) process. AFORE local workshop, 24 March, 2011, Stockholm.

Lappas, A.A, Kalogiannis, K., Stefanidis, S., Stöcker, M., Hannevold, L., Spjelkavik A. I., Öhman F. 2011. Upgrading lignin through a catalytic pyrolysis process. (poster). The 3rd Nordic Wood Biorefinery Conference, 22-24 March, 2011, Stockholm, Sweden

Kalogiannis, K., Stefanidis, S., Lappas, A.A, Stöcker, M., Hannevold, L., Spjelkavik A. I., Öhman F. 2011. Catalytic pyrolysis of lignin for the production of high added value chemicals and fuels (poster). The 5th International FEZA Conference, Valencia, Spain, July 3-7, 2011

Kalogiannis, K., Stefanidis, S., Lappas, A.A. , Stöcker, M., Hannevold, L., Spjelkavik, Aud I. and Öhman, F. 2011. Catalytic Pyrolysis of Lignin for the production of high added value chemicals and fuels. AFORE local workshop, 24 March, 2011, Stockholm.

Kilpeläinen, I., Karhunen, P., Matikainen, J. and King, A. 2011. Ionic liquids in wood fractionation. AFORE local workshop, 24 March, 2011, Stockholm.

Krogerus, B., Hyvärinen, S., Hakala, T., Liitiä, T. and Suurnäkki, A. 2011. Alkaline extraction of xylan. AFORE local workshop, 24 March, 2011, Stockholm.

Ledl, C., Stern, T., Schwarzbauer, P. 2011 A market based valuation tool for newly developed fibre types The 3rd Nordic Wood Biorefinery conference, 22-24 March, 2011, Stockholm



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- Ledl, C., Stern, T., Schwarzbauer, P. and Koch, S. 2011. A market-based evaluation tool for newly developed fibres. AFORE local workshop, 24 March, 2011, Stockholm.
- Lora, J.H. 2010. Utilisation opportunities for biorefinery lignins, Description of opportunity and potential uses of laboratory scale lignins from wheat straw and softwood. International Lignin Biochemicals Conference, 17.-18.11.2010. pp.
- Niemelä, K. and Suurnäkki, A. 2009. AFORE project presentation in 2nd Nordic Wood Biorefinery Conference, 2.-4.9.2009, Helsinki, Finland.
- Niemelä, K. and Suurnäkki, A. 2011. AFORE project presentation in European Expert Forum on Biorefineries, 13.4.2011, Budapest.
- Oliveira, E.L.G., Domingues, R.M.A., Silva, C.M., Silvestre, A.J.D., Freire, C.S.R., Pascoal Neto, C. 2011. Supercritical CO₂ extraction of high value triterpenoids from *Eucalyptus globulus* bark: preliminary experiments. The 3rd Nordic Wood Biorefinery Conference, 22-24 March, 2011, Stockholm, Sweden, pp.381-382.
- Riekkola, T., Argyropoulos, D., Asikkala, J., Hakola, M., Leskelä, M., Ohra-aho, T., Repo, T., Sipilä, J., Tamminen, T., Wrigstedt, P. 2011. CatOx and AlkOx lignin - Fresh Material for Lignin Applications, Spring 2011 ACS National Meeting, Chemistry of Natural Resources, 27-31 March, 2011, Anaheim, USA
- Santos, S.A.O., Silvestre, A.J.D., Pascoal Neto, C. 2010. Characterization of the phenolic fraction of *Eucalyptus globulus* bark extracts by GC-MS and HPLC-MS, Poster presentation at 34th International Symposium on Capillary Chromatography, 1.-4.6.2010, p. 464.
- Santos, S.A.O., Freire, C.S.R, Domingues, M.R., Silvestre, A.J.D., Neto, C. P. 2011. *Eucalyptus globulus* bark as a source of phenolic compounds. The 3rd Nordic Wood Biorefinery Conference, 22-24 March, 2011, Stockholm, Sweden, pp. 403-404.
- Sousa, A. F. 2011. Upgrading of subering from cork and birch outer bark. PhD thesis, University of Aveiro, 166 p.
- Sfetsas, T., Michailof, C., Lappas, A. 2010. Identification, classification and quantification of compounds of interest in three different bio-oil samples by multidimensional gas chromatography coupled to time-of-flight mass spectrometry. Poster presentation at 34th International Symposium on Capillary Chromatography, 1.-4.6.2010.
- Sova, M. and Lack, E. 2011. Supercritical CO₂ extraction of biomaterials, Example: CarboCell process. AFORE local workshop, 24 March, 2011, Stockholm.
- Suurnäkki, A. 2009. AFORE Adding value for forest biorefineries. The 6th FTP conference, 9.-11.11.2009, Stockholm, Sweden.



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Suurnäkki, A. 2011. AFORE project presentation in Biorefinery networking event, 7.2.2011 Brussels.

Tamminen, T., Liitiä, T., Hyvärinen, S., Mikkonen, H., Hakala, T., Ohra-aho, T., Rovio, S., Suurnäkki, A., Colodette, J. 2011. Characterisation of xylans and lignins isolated from various Eucalyptus species. 5th Brazilian Colloquium on Eucalyptus Pulp, May 2011.

Tamminen, T., Mikkonen, H., Hyvärinen, S., Hakala, T., Liitiä, T., Ohra-aho, T., Alakurtti, S., Rovio, S., Lappas, A., Suurnäkki, A. 2011. Novel type of technical lignins by organosolv cooking with phosphinic acid in various solvents ACS 2011, March 27-31, 2011, Anaheim, USA.

Tamminen, T., Mikkonen, H., Hyvärinen, S., Hakala, T., Liitiä, T., Ohra-aho, T., Alakurtti, S., Rovio, S. and Suurnäkki, A. 2011. Novel type of technical lignins by organosolv cooking with phosphinic acid. AFORE local workshop, 24 March, 2011, Stockholm.

Öhman, F. and Danielsson, S. 2011. Separations of Xylan from the kraft mill, The 3rd Nordic Wood Biorefinery Conference, 22-24 March, 2011, Stockholm, Sweden, pp. 85-86.