



XXI TECNICELPA Conference and Exhibition/VI CIADICYP 2010
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Co-authors	Title	Institutions	#
Agustín G. Barneto1*, Rocio B. Hernández, José A. Carmona	Use of Thermogravimetry Analysis to Control the Industrial Production of Pulp	<i>1</i> Chemical Engineering Department, Campus El Carmen, Huelva University, 21071 Huelva, Spain.	T032
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Alejandro Rodríguez1*, Rafael Sánchez1, Ana Requejo1, Ana Ferrer1, José L. Ferrer1, Luis Jiménez1.	Characterization by Chemical and Thermogravimetric Analysis of <i>Hesperaloe funifera</i>	<i>1</i> Chemical Engineering Department. Campus of Rabanales, C-3. University of Córdoba. Córdoba. Spain.	T004
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José L. Velho1* e Natércia M. Santos.2	How to Characterize Coated Papers Topography?	1Departamento de Geociências, Universidade de Aveiro, 3810 AVEIRO, PORTUGAL 2Departamento de Engenharia Química e do Ambiente, Instituto Politécnico de Tomar, 2300-313 TOMAR, PORTUGAL	T038
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Juha P.T. Fiskari1*, Peter Drew2	The Influence of Digester Additives on the Control of Extractives in Eucalyptus and Birch Kraft Pulp	<i>1Consultant, FI-07410 KrÅk, Finland 2BasTech LLC, ch. en vuaracaux, 1297 Founex, Switzerland</i>	T123
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M. Graça V.S. Carvalho1*, Jorge M.S. Rocha1	An Approach on the Valorisation of Pulp Sludge	<i>1CIEPQPF, Departamento de Engenharia Química, Universidade de Coimbra, R. Sílvio Lima, 3030-790 Coimbra, Portugal</i>	T119
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María E. Vallejos, 1,2* Aprigio A.S. Curvelo,3 Eliangela M. Teixeira,4 Fernanda M. Mendes,3 Antonio J.F. Carvalho5, María C. Area1,2, Fernando E.Felissia1, Graciela B. Gavazzo1	Composites Materials of Thermoplastic starch and Fibers from the Ethanol-Water Fractionation of Bagasse	<i>1Programa de Investigación de Celulosa y Papel - FCEQyN – Universidad Nacional de Misiones 2Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET) 3Instituto de Química de São Carlos – USP (SP) 4EMBRAPA/CNPDIÁ, São Carlos (SP) 5UFSCar-Campus Sorocaba, Sorocaba (SP), Brasil.</i>	T018
Maria S. Peresin1*, Youssef Habibi 1, Orlando J. Rojas1, 2, Joel J. Pawlak 1	Cellulose Nanocrystals as Reinforcement of Poly Vinyl Alcohol Nanocomposites	<i>1Department of Forest Biomaterials, North Carolina State University, Campus Box 8005, Raleigh, NC 27695 2Faculty of Chemistry & Materials Sciences, Dept. Forest Products Technology, Aalto University, P.O. Box 3320, FIN-02015 TKK, Espoo, Finland</i>	T155
María Verónica Galván, Paulina Mocchiutti*, Miguel A. Zanuttini.	Adsorption of Weak Polyelectrolytes onto Recycled Unbleached Kraft Fibers. Effects of the Medium Conditions on the Degree	<i>Instituto de Tecnología Celulósica, Facultad de Ingeniería Química, Universidad Nacional del Litoral. Santiago del Estero 2654 S3000 AOJ, Santa Fe, Argentina.</i>	T141



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of Ionization and the Papermaking Properties			
Marileide Gomes da Silva ^{1*} , Francides Gomes da Silva Júnior ²	Evaluation of age and productivity of eucalyptus on wood quality for bleached pulp production	<i>1Mestranda em Recursos Florestais, Departamento de Ciências Florestais da Escola Superior de Agricultura “Luiz de Queiroz” da Universidade de São Paulo</i> <i>2Professor do Departamento de Ciências Florestais da Escola Superior de Agricultura “Luiz de Queiroz” da Universidade de São Paulo</i>	T097
Marlene Dely Cruz ^{1*} , Célio Robusti ²	Hanges on Implementation Way of Kappa Number and its Impact on the Final Outcome	<i>1Escola SENAI Theobaldo De Nigris - Rua Bresser, 2315 - Mooca – 03162-030 São Paulo, SP – Brasil.</i> <i>2Escola SENAI Theobaldo De Nigris - Rua Bresser, 2315 - Mooca – 03162-030 São Paulo, SP – Brasil.</i>	T009
Marta Margarido ^{1,2*} , Ofélia Anjos ^{2,3} , Denilson Da Silva Perez ⁴ , Gérard Morthal	Evaluation of Kraf Cooking Behaviour for Diferent Hardwood Species	<i>1PAGORA Grenoble INP, Laboratory of Wood and Pulping Chemistry and Processes (LGP2) UMR-CNRS 5518, Domaine Universitaire, F-38400 Saint Martin d’Hères, France</i> <i>2Cernas - CERNAS – Research centre of natural resources, environmental and society. Bencata, 3040-316 Coimbra, Portugal</i> <i>3Polytechnic Institute of Castelo Branco (Agrarian School), Quinta da Senhora de Mércules, Apartado 119 – 6001 Castelo Branco – Portugal.</i> <i>4FCBA, Domaine Universitaire, Grenoble, France.</i>	T176
Marten Krogerus ¹	Operating Cost Saving Opportunities in Effluent Treatment	<i>Pöyry Finland Oy.</i>	T020
Michael Heitzinger	The Potential on Energy Saving Within Dewatering Elements. Robaceram-PX the Energy Saver	<i>Röchling Leripa Papertech GmbH & Co KG</i>	T086
Miguel A. Citroni ¹ , Miguel A. M. Zanuttini ^{1*} , Paulo Ferreira ²	Surface Energy and its Relation to the Bonding Capacity of Unbleached Recycled Fibers	<i>1Instituto de Tecnología Celulósica, Facultad de Ingeniería Química, Universidad Nacional del Litoral. Santiago del Estero 2654 S3000 AOJ, Santa Fe, Argentina.</i> <i>2Centro de Investigación em Engenharia dos Processos Químicos e dos Produtos da Floresta, Departamento de Engenharia Química, Faculdade de Ciências e Tecnologia, Universidade de Coimbra. Polo II - Pinhal de Marrocos, 3030-790 Coimbra, Portugal</i>	T180
Millic A. Gil ^{1*} , Gladys Mogollón ² , Patricia A. Gil ²	Enzymatic Reactors Destined the Inking and Bleaching of Cellulose Pulp for Paper	<i>1Dept. of Chemical Engineering, School of Engineering, University of Santiago de Compostela, Campus Sur, 15782 Santiago de Compostela, Spain.</i> <i>2University of the Andes, School of Engineering Forest. Department Pulps and Paper.</i>	T105
N. Gómez ^{1*} , C. Molleda ¹ , J.C Villar ² , R. Quiles ² y P. Ferreira ³	The Influence of Fibrous Composition and Structural Properties of Newspaper in Printing Density and Set-Off	<i>1Departamento de Ciencias Básicas Aplicadas a la Ingeniería Forestal; EUIT Forestal, Universidad Politécnica de Madrid. Ramiro de Maeztu s/n, 28040 – Madrid. España.</i> <i>2Laboratorios de Celulosa y Papel CIFOR-INIA. Ctra. de La Coruña Km 7,5. 28040 Madrid. España.</i> <i>3Chemical Engineering Department, University of Coimbra, Pólo II – R. Silvio Lima, 3030-790. Coimbra, Portugal</i>	T062
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Orlando J. Rojas ^{1, 2} , Youssef Habibi ¹ , Lucian A. Lucia ¹ , Daniel Saloni ¹ and Carlos Salas ¹	Microemulsions for Enhanced Biomass Pretreatment and Bioconversion	<i>1Department of Forest Biomaterials, North Carolina State University, Campus Box 8005, Raleigh, NC 27695</i> <i>2Faculty of Chemistry & Materials Sciences, Dept. Forest Products Technology, Aalto University, P.O. Box 3320, FIN-02015 TKK, Espoo, Finland</i>	T159
Pablo Liger ^{1*} , Alberto de Vega ¹ , Johannes	Autohydrolysis as a First Step in the Fractionation of	<i>1Departamento de Química Física e Enxeñeria Química, Faculdade de Ciencias, Universidade A</i>	T124



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C. van der Kolk ² , Jan E.G. van Dam ²	Miscanthus x Giganteus	Coruña, Rúa da Fraga, 10, 15071, A Coruña, España. 2Food and Biobased Research, Wageningen University and Research Centre, P.O. Box 17, 6700 AA Wageningen, Paises Bajos.	
Paola A. Cuartas Z., Jorge A. Velásquez J.*, Germán C. Quintana M., Beatriz Garcés, Mariluz Betancur, Edgar Botero, Astrid Alvarez.	Particleboard Production from Waste of Paper Industry	Universidad Pontificia Bolivariana, Circular 1 N° 70-01, Bloque 11, oficina 251, Medellín-Colombia	T110
Paola A. Cuartas Z., Jorge A. Velásquez J.*, Germán C. Quintana M.	Optimization of the Chemical Modification of Cellophane with Cavasol (Complex Cyanide Cyclodextrine-Chloride)	Grupo Pulpa y Papel, Universidad Pontificia Bolivariana, Circular 1 N° 70-01, Bloque 11, oficina 251, Medellín-Colombia	T111
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Raquel Moya ¹ , Manuel Hernández ¹ , Maria E. Eugenio ² , Juan C. Villar ² , María E. Arias ^{1*}	Kraft Biobleaching Using a New Laccase Produced by Streptomyces ipomoea CECT 3341	1Departamento de Microbiología y Parasitología. Universidad de Alcalá. 28871 Alcalá de Henares. Madrid 2Instituto de Investigación y Tecnología Agraria y Agroalimentaria INIA. Carretera de la Coruña, km 7.5, 28040, Madrid	T125
Remei Aldrich, Francesc X. Llauro, Pere Sarquella, M. Angels Pèlach	Energy Generation Versus Energy Efficiency, Two Key Parameters to Reduce Emissions	LEPAMAP Group. Departament of Chemical Engineering (EQATA). Universitat de Girona. Campus Montilivi, Edifici P-I, 17071 Girona. Spain.	T090
Ricardo Silva ^{1*} , Alejandro Martínez ¹ , Javier González ¹ , Rodrigo Morales ¹	Enzymatic Delignification of Eucalyptus globulus Kraft Pulp	1 Departamento de Ingeniería de la Madera y Biomateriales, Facultad de Ciencias Forestales y Conservación de la Naturaleza, Universidad de Chile. Avenida Santa Rosa 11315. Casilla Postal 9206, La Pintana, Santiago de Chile, Chile.	T073
Ricardo Silva ^{1*} , Román Alarcón ¹ , Javier González ¹ , Consuelo Fritz ¹	Laccase and Manganese-Peroxidase Enzymatic Activity Produced by two White-Rot Fungi Growing on Veeners of Eucalyptus globulus	1Departamento de Ingeniería de la Madera y Biomateriales, Facultad de Ciencias Forestales y Conservación de la Naturaleza, Universidad de Chile. Avenida Santa Rosa 11315. Casilla Postal 9206, La Pintana, Santiago de Chile, Chile.	T056
Rocío Jarabo ¹ , M. Concepción Monte ^{1*} , Angeles Blanco ¹ , Carlos Negro ¹ , M. Angels Pelach ² , Pere Mutje ² , Julio Tijero ¹	Morphological and Physical Characterization of Agricultural Residues as a Source of Fibres for Papermaking	1Grupo de Celulosa y Papel, Chemical Engineering Dpt Faculty of Chemistry, Complutense University of Madrid, 28040 Madrid, Spain 2Grup LEPAMAP. Universitat de Girona. Avd. Lluís Santaló, S/N. 17071- Girona, Spain	T082
Sami İmamoğlu ¹ , Arif Karademir ^{2*} , Emrah Peşman ¹ and Cem Aydemir ³	Effects of Fas Deinking on the Removal of Main Colours of Oil-Based Inks from Uncoated and Coated Office Papers	1Artvin Coruh University, Faculty of Forestry, Department of Forest Product Engineering, 08000 Artvin, Turkey 2*Kahramanmaraş Sutcuimam University, Faculty of Forestry, Department of Forest Product Engineering, Bahcelievler Campus, 46100 Kahramanmaraş, Turkey 3 Marmara University Faculty of Technical Education, Department of Printing, Goztepe Campus, 34722 Goztepe, Istanbul, Turkey	T053
Sanchi K. Nenkova*, Radka I. Garvanska, Miroslav N. Kulevski, Kiril V. Dimitrov, Nikolai D. Bakalov	Wood Polymer Composites for Electromagnetic Wave Protection	University of Chemical Technology and Metallurgy, Sofia 1756, 8 Kl. Ohridski str. Bulgaria	T068
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Soria, L.* , Bardanca, A.. Echeverría, R.	Influence of Storage of Elliottii pine Wood on the Characteristics of a Sulphite Antraquinone Pulp	Departamento Forestal. Facultad de Agronomía. Avda. Garzón 780 , Montevideo - URUGUAY	T160
Susana V. Valenzuela ¹ , Cristina Valls ² , M. Blanca Roncero ² , Pilar Diaz ¹ , and F. I.	Proteomics Tools for the Detection of Novel Enzymes with Application in Paper Industries	1Dep. Microbiología, Facultad de Biología, Universitat de Barcelona, Av. Diagonal 645 Barcelona, 08028 España	T165



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Tiago E. S. Segura*1, Marina Zanão2, Francides G. Da Silva Jr.3	Potential of Acacia Wood for Kraft Pulp Production	1Laboratório de Química, Celulose e Energia - Departamento de Ciências Florestais, Universidade de São Paulo-Mestrando em Recursos Florestais 2Laboratório de Química, Celulose e Energia - Departamento de Ciências Florestais, Universidade de São Paulo-Aluna de graduação em Engenharia Florestal 3Laboratório de Química, Celulose e Energia - Departamento de Ciências Florestais, Universidade de São Paulo-Professor do Depto. de Ciências Florestais	T131
Victor J. Carocha, Carla Ribeiro, José A. Araújo, Cristina M. P. Marques*	DNA Barcoding, A Tool for Discriminating Eucalypt Species	RAIZ - Laboratório Análise Genómica, ITQBII, Apartado 127, 2781-901 Oeiras	T093
Viviane A. Alecrim 1*, David Croll1 , 2, Daniel Weinzler 2, Rainer Klein 2, Knut Hornig 3, Kleemann 1	The Role of Pigments on Gloss and Ink Absorption Speed for Photo Inkjet Papers	1Munich University of Applied Sciences. MUAS. Lothstrasse 34. 80335 Munich, Germany. 2Paper Technology Specialists, Pirnaer Straße 37. 01809 Heidenau, Germany. 3Felix Schoeller Jr. Foto- und Spezialpapiere GmbH & Co. KG. 49086 Osnabrück, Germany	T181
Wilma de Araújo Gonzalez1, Bianca Montes Radomski2*	Evidence from Cellulose Fiber Palm (<i>Elaeis guineensis</i>) Residual from the Productive Chain of Biodiesel	1Instituto Militar de Engenharia, Departamento de Engenharia Química, Praça General Tibúrcio, 80, Praia Vermelha, RJ, Brasil.Vermelha, RJ, Brasil,CEP: 22290-270 2Instituto Militar de Engenharia, Departamento de Engenharia Química, Praça General Tibúrcio, 80, Praia Vermelha, RJ, Brasil.Vermelha, RJ, Brasil,CEP: 22290-27	T001