



Boletín Nº 80 - Septiembre 2010

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NOTICIAS DE LA RIADICYP

XXI TECNICELPA Conference and Exhibition / VI Congress CIADICYP Lisbon, 12-15 October 2010

Programa Científico

O Programa Científico inclui uma cerimónia de abertura, três sessões plenárias convidadas, 2 apresentações convidadas (keynote lectures), apresentações orais, sessões de posters e uma cerimónia de encerramento. As apresentações orais serão divididas em duas sessões a decorrer em simultâneo. O programa inclui ainda uma visita a uma das maiores e mais modernas fábricas do Mundo de papéis de impressão e escrita não revestidos – a nova fábrica de papel do Grupo Portucel Soporcel, em Setúbal.

Programa Detalhado

Terça-feira - 12 Outubro, 2010

Quarta-feira - 13 Outubro, 2010

Quinta-feira - 14 Outubro, 2010

<http://www.tecnicelpa.com/ciadicyp/2010/>



XXI Encontro Nacional Tecnicelpa / VI CIADICYP 2010	
Terça-feira - 12 Outubro, 2010	
09h00 10h30	Registo de participantes
10h30 11h30	Sessão de Abertura Auditório I
11h30 12h00	Sessão Plenária I Auditório I
	Challenges and Opportunities in the Next Decade Dr. Teresa Presas, Directora Geral da CEPI
	Moderador: Eng. Serafim Tavares (RAIZ, Portugal)
	Sessão Oral I Auditório I
	Floresta
	Moderador: Prof. Celso Foelkel (°Celsius Degree, Brasil)
12h00 12h20	O1 - Nutrients Balance in Eucalypt Stands and Portuguese Forest Soils´S Productive Capacity <i>António Sérgio Fabres, Daniela Ferreira, Gabriel Dehon Rezende</i>
12h20 14h00	Almoço
14h00 14h20	Abertura da Sessão de Posters
	Sessão Oral Ila Auditório I
	Sessão Oral I Ib Auditório III
	Produção de Papel
	Matérias-Primas
	Moderador: Eng. Carlos Vieira (grupo Portucel Soporcel, Portugal)
	Moderador: Prof. Miguel Zanutinni (FIQ – UNL, Argentina)
14h20 14h40	O16 - Sizing Evaluation of Uncoated Fine Papers <i>Pedro Lopes, Carlos Preciso, António Mendes de Sousa, Paulo Ferreira</i>
14h20 14h40	O2 - Aptitude of Cellulosic Fibres From Whole Corn Stalks <i>Jirleska Flandez, M.Àngels Pèlach, Julio Tijero, Fabiola Vilaseca, Miquel Llop, Pere Mutje</i>
14h40 15h00	O17 - Surface Filling of Woodfree Paper With Ground Calcium Carbonate <i>Uwe Gisella, Maximilian Laufmann</i>
14h40 15h00	O3 - Electrospun Cellulose Acetate Nano- and Micro-Fibers Reinforced with Cellulose Nanocrystals <i>María E. Vallejos, María S. Peresin, Orlando J. Rojas</i>
15h00 15h20	O24 - Pulp Suspension Friction Analysis in the Beater Gap <i>Jacques J. Silvy, Rogério M.S. Simões, Álvaro F.C. Vaz</i>
15h00 15h20	O4 - Fiber Recovery from Carton Board Containers for Liquids: Assessment of Yield and Fiber Quality by Treatments with a Hydrapulper and a Ball Meal <i>José Turrado, Martha F. Dávalos-Gómez, Ezequiel Delgado</i>
15h20 15h40	O20 - Enzymatic Treatments with Laccase: an Alternative to the Conventional Internal Sizing of Paper? <i>Jordi Garcia, M.Blanca Roncero, Josep F. Colom, Teresa Vidal</i>
15h20 15h40	O5 - Application of Ultrasonic Treatment of Pulp and Xylans Addition at Secondary Fibre Industry <i>Mauro Manfredi, Rubens C. de Oliveira</i>



15h40 16h00	O19 - Superficial Sizing with Polyvyl Alcohol: Sized and Recicled Papers Characteristic <i>Aracelia Hernández, Elaine Capote, Alejandro Abril</i>	O6 - Enzymes Application Combined with Ultrasonic Waves to Develop Recycled Paper Properties <i>Juliana C. da Silva; Rubens C. de Oliveira</i>
16h00 16h30	Abertura da Expocelpa/Café	
	Sessão Oral IIIa Auditório I	Sessão Oral IIIb Auditório III
	Produção de Papel	Química da Pasta e do Papel
	Moderador: Eng. Carlos Brás (grupo Portucel Soporcel, Portugal)	Moderador: Prof. Carlos Pascoal Neto (Universidade de Aveiro, Portugal)
16h30 16h50	O21 - Effect of Long-Fibred Reinforcement Pulp on Mechanical Properties of Short Fibre-Based Paper <i>Eero Hiltunen, Hannu Paulapuro</i>	O9 - Properties of Eucalyptus globulus Fibers after Hot Water Extraction <i>G. V. Duarte, B.V. Ramarao, T.E. Amidon, P. T. Ferreira</i>
16h50 17h10	O42 - Paper Waste Generation, a Way to its Reduction – Mill Case <i>Alexandre M.R. Gaspar, Luis M.C. Machado, Isabel M. Fernandes, Helena C. Bastos, Filipe P. Neves, Nuno M. Lagartinho</i>	O46 - New Insights into Chromophore Chemistry of Eucalypt Pulps Assessed by UV-Resonance Raman Micro-Spectroscopy <i>Pedro E.G. Loureiro, António J.S. Fernandes, Fernanda P. Furtado, M. Graça V.S. Carvalho, Dmitry V. Evtuguin</i>
17h10 17h30	O23 - Refining of Radiata Pine and Eucalyptus Kraft Pulps Assisted with Commercial Laccase Mediator Systems <i>Michael Lecourt, Adrien Soranzo, Romain Baldi, Michel Petit-Conil</i>	O47 - Chemical Pitch and Stickies Control <i>Wagner Barreira, Ricardo de L. Barreto, Marcia A. Abouchar</i>
17h30 17h50	O18 - Pre-Treatments of Cellulose Fibres with some Chemicals for Effective Sizing <i>Arif Karademir, Hulya Varlibas, Selim Karahan and Cem Aydemir</i>	O48 - Evaluation of Sources and Routes of Non-Process Elements in a Modern Eucalyptus Kraft Pulp Mill <i>Javier Doldán, Outi Poukka, Keijo Salmenoja, Marcos Battegazzore, Virginia Fernandez, Inés Eluén</i>
17h50 18h10	O25 - Review of Fundamental Aspects of Adhesion Between Cellulosic Surfaces in Contact <i>Ezequiel Delgado Fornué, Héctor J. Contreras Quiñones, Guillermo Toriz González</i>	O49 - Pitch Detackification with Natural and Modified Talcs <i>Antonio Tijero, M. Concepción Monte, Julio Tijero and Ángeles Blanco</i>
18h30	Porto de Honra - Inclui actuação do Coro e Guitarras "Alma de Coimbra"	
XXI Encontro Nacional Tecnicelpa / VI CIADICYP 2010		
Quarta-feira - 13 Outubro, 2010		
	Sessão Oral IVa Auditório I	Sessão Oral IVb Auditório III
	Produção de Papel	Produção de Pasta
	Moderador: Eng. Ângelo Loureiro (grupo Portucel Soporcel, Portugal)	Moderador: Eng. José Namorado Nordeste (grupo Portucel Soporcel, Portugal)
09h00 09h20	O26 - A New Approach for the Modification of Paper Surface Properties by Polyoxometalates <i>Mikhail S. Saraiva, José A. F. Gamelas, Paulo J. Ferreira</i>	O7 - Current Status and Challenges of the Japanese Paper Industry <i>Kunitaka Toyofuku</i>
09h20 09h40	O27 - Interactions of Polyelectrolytes with Pulp Fines <i>Elina Orblin, Pedro Fardim</i>	O8 - Chemical Balances of a Modern Eucalyptus Bleached Kraft Pulp Mill <i>Markku J. Pekkanen</i>



09h40 10h00	O28 - Introduction of a New, Modern Roll Covering and Service Workshop Near Zaragoza <i>Philippe A. Bringier, Benno Bader</i>	O45 - Highly Selective Delignification of Eucalypt Pulp with Polyoxometalate Assisted by Enzymatic Catalysis or Electrolysis <i>Dmitry V. Evtuguin, José A.F. Gamelas, Ana M.R.B. Xavier</i>
10h00 10h20	O29 - Ultrasonic Treatment of Paper Webs – A New Volume Preserving Calendering Method <i>Harald Grossmann, Matthias Wanske</i>	O10 - Evaluation of Steam Explosion as a Pretreatment prior to Kraft Pulping of Eucalyptus globulus Wood <i>Raquel Martin-Sampedro, Esteban Revilla, Juan A. Martín, Maria E. Eugenio, Juan C. Villar</i>
10h20 10h50	Café	
	Sessão Oral Va Auditório I	Sessão Oral Vb Auditório III
	Produção de Papel	Produção de Pasta
	Moderador: Prof. Pedro Fardim (Åbo Akademi University, Finlândia)	Moderador: Eng. João Luís de Pinho Ferreira (Grupo Altri, Portugal)
10h50 11h10	O30 - Structure and Properties Nano-Particles Used in Paper Compositions <i>Michael Ioelovich</i>	O11 - Advanced Studies on E. globulus Wood Kraft Cooking <i>Gabriel D. A. Sousa, Belinda I. G. Soares</i>
11h10 11h30	O31 - Novel Coated-Paper Materials Based on Chitosan and its Derivatives <i>Susana C. M. Fernandes, Carmen S. R. Freire, Armando J. D. Silvestre, Carlos Pascoal Neto, Alessandro Gandini</i>	O12 - Xylans Deposition onto Eucalyptus Pulp Fibers During Oxygen Delignification. Part 1: The Influence of NaOH Charge, Reaction Time and Temperature <i>Marcelo C. dos S. Muguet, Jorge L. Colodette, Cristiane Pedrazzi</i>
11h30 11h50	O32 - Nanotechnology as a Tool for Increased Sustainability <i>Joakim Carlén, Michael Persson and John Sandström</i>	O13 - Successful Philosophy to Maximize Efficiency and Environmental Performance Implementing Green Bleaching of Chemical Pulp <i>Jean-Christophe Hostachy, Franz-Josef Richardt, Arnaldo Oliveira Araujo</i>
11h50 12h10	O33 - Paper Surface Chemistry as a Tool to Improve Inkjet Printing Quality <i>Isabel M. T. Moutinho, Margarida L. Figueiredo, Paulo J.T. Ferreira</i>	O14 - Performance of a Final Hydrogen Peroxide Stage in Different ECF Bleaching Sequences <i>Pedro E. G. Loureiro, A. Sofia M. Santos, Dmitry V. Evtuguin, M. Graça V. S. Carvalho</i>
12h10 12h30	O34 - Characterizing Inkjet Printing Quality from Perception to Quantification <i>Nuno J. Oliveira, António P. Mendes de Sousa</i>	O15 - A Novel Way of Combining Chlorine Dioxide and Molybdate Catalyzed Hydrogen Peroxide for Improved Delignification and Bleaching of Eucalyptus Kraft Pulp <i>Cesar Leporini, Thomas Dietz</i>
12h30 14h00	Almoço	
14h00 15h00	Sessão de Posters	
15h00 16h00	Sessão Plenária II Auditório I	
	New Challenges for Research and Development in the Pulp and Paper Industry Doutor Pedro Fardim, Professor e Director do Laboratório, Laboratory of Fibre and Cellulose Technology, Abo Akademi University, Abo- Finland	
	Moderadora: Prof. María Cristina Area (Universidad Nacional de Misiones, Argentina)	
16h00 16h30	Café	
	Sessão Oral VIa Auditório I	Sessão Oral VIb Auditório III
	Produção de Papel	Biotecnologia e Biorefinaria



	Moderador: Eng. Agostinho Dolores Ferreira (Grupo Altri, Portugal)	Moderador: Dr. Juan Carlos Villar (INIA, Espanha)
16h30 16h50	O35 - Polyampholites as Paper Dry Strength Agents <i>Deusanilde J. Silva, Song W. Park, Martin A. Hubbe, Orlando J. Rojas</i>	O55 - Technical and Economical Issues of the Biopulping Process <i>André Ferraz, Fernando Masarin, Gina G.S. Cunha and Paulo C. Pavan</i>
16h50 17h10	O36 - Office Paper Bulk Optimization in a Paper Machine Using Multivariate Techniques <i>Gabriel D. A. Sousa, Cidália T. Abreu, José L. Amaral, Carlos Brás</i>	O56 - Influence of a Laccase Bleaching Process Variables on Bleached Pulp Properties <i>Maria E. Eugenio, Jesús Miranda, Raquel Martin-Sampedro, Juan C. Villar</i>
17h10 17h30	O37 - Image Analysis Application for Evaluation of Dimensional Stability of Reprographic Paper from Hardwood Fibers <i>Afonso H. T. Mendes, Hae Y. Kim, Song W. Park</i>	O57 - Enzymatic Hydrolysis vs. Refining on Recycled Kraft Pulp <i>Mirtha G. Maximino, Ana M. Adell, Ma. Cláudia Taleb</i>
17h30 17h50	O38 - Hygroexpansivity and Dimensional Stability on a Reprographic Paper Machine <i>Afonso H. T. Mendes, Song W. Park, Paulo J. T. Ferreira, Fabio S. Almeida</i>	O58 - Advances in Use of Fibre Modification Enzymes in Paper Making <i>Raj Gill</i>
17h50 18h10	O39 - The Fibre Properties Influence on a Three Dimensional Paper Model <i>Joana M.R. Curto, Eduardo L.T. Conceição, António T. G. Portugal, Rogério M.S. Simões</i>	O59 - Using Biotechnology for Paper Functionalisation: Flax Fibers with Antimicrobial Properties <i>Amanda Fillat, Oscar Gallardo, Teresa Vidal, F.I. Javier Pastor, Pilar Díaz, and M. Blanca Roncero</i>
19h00	Programa turístico (opcional)	
XXI Encontro Nacional Tecnicelpa / VI CIADICYP 2010		
Quinta-feira - 14 Outubro, 2010		
	Sessão Oral VIIa Auditório I	Sessão Oral VIIIb Auditório III
	Produção de Papel	Biotecnologia e Biorefinaria
	Moderador: Eng. Michael Odell (grupo Portucel Soporcel, Portugal)	Moderador: Eng. José Ricardo Rodrigues (grupo Portucel Soporcel, Portugal)
09h00 09h20	O40 - Making the Impossible Possible <i>Kari Räsänen, Michel Bauchu, Teuvo Virkkunen, Hannu Turpeinen, Hannu Partanen</i>	O60 - Polyurethanes as a Viable Route to Valorise Lignin <i>Carolina A.B. Cateto, Maria F.F. Barreiro, Alírio E. Rodrigues, M. Naceur Belgacem</i>
09h20 09h40	O41 - Cost Savings by Optimising Vacuum Capacity <i>Olli Kääpä</i>	O61 - Evaluation of Different Lignins for Oxidative Conversion to High Added-Value Phenolic Aldehydes <i>Paula C. O. R. Pinto, Eduardo A. B. Silva, Alírio E. Rodrigues</i>
09h40 10h00	O22 - Fractionation and Refining of Bleached Thermomechanical Pulps <i>M. Angels Pèlach, Angeles Blanco, Marcel Caner, Josep Puig, Pere Mutjé</i>	O62 - Antioxidant Activity of Lignin Phenolic Compounds Extracted from Kraft and Sulphite Black Liquors <i>Hélio M. F. Faustino, Nuno R. S. Gil, Cecília M.C. Baptista, Ana Paula C. Duarte</i>
10h00 10h20	O43 - Portucel Soporcel Group New Paper Mill Project - The World Biggest and Most Sophisticated Single Line Paper Mill for UWF <i>Ângelo Loureiro</i>	O63 - The Influence of Lignin Removal on the Energy Balance of Future Pulp Mills <i>Marcelo Hamaquchi, Esa K. Vakkilainen</i>
10h20	Café	



10h50		
	Sessão Oral VIIIa Auditório I	Sessão Oral VIIIb Auditório III
	Energia e Ambiente	Biotecnologia e Biorefinaria
	Moderador: Eng. Óscar Arantes (grupo Portucel Soporcel, Portugal)	Moderadora: Prof. Ana Paula Duarte (Universidade da Beira Interior, Portugal)
10h50 11h10	O50 - Carbon Footprint: Why, for What and How? <i>Ana C. Dias, Luís Arroja, <u>Luís Machado</u>, José Amaral, Fausto Freire</i>	O64 - Biorefinery Development Pathways: a Survey for the Pulp and Paper Industry <i><u>Gabriel D. A. Sousa</u></i>
11h10 11h30	O51 - Dynamic and Steady-State Process Modeling - Practical Applications at Cacia Mill <i>Alexandre M.R. Gaspar, Luis M.C. Machado, Isabel M. C. L. Sêco, Pedro C. M. Silva</i>	O65 - Extraction of Hemicelluloses Prior to Kraft Cooking: a Step for an Integrated Biorefinery in the Pulp Mill <i>Cátia V.T. Mendes, Jorge M.S. Rocha, Gabriel D.A. Sousa, M. Graça V.S. Carvalho</i>
11h30 11h50	O52 - Modelling of Char Bed Active Layer for Application in a Kraft Recovery CFD Comprehensive Model <i>Daniel J. O. Ferreira, <u>Marcelo Cardoso</u>, Song Won Park</i>	O66 - The Quantification of Cellulocic Methanol Obtained from Brack Liquor of Kraft Pulping Processes <i>Lívia Paula Silva Palmeiras_Vasconcellos, Francides Gomes da Silva Júnior, Oscar Bahia Filho</i>
11h50 12h10	O53 - Grouping Statistically Emissions from a Recovery Boiler <i>Esa K. Vakkilainen, Marcelo Hamaguchi, Daniel Coronel Laux</i>	O67 - Towards Comprehensive Utilization of Side Products from Sulphite Pulp Production: A Biorefinary Approach <i>Dmitry V. Evtuquin, Ana M.R.B. Xavier, Carlos M. Silva, António Prates</i>
12h10 12h30	O54 - Rapid Thermal Processing (RTPTM) – A Proven Pathway to Second Generation Biofules <i><u>Kari Liukko</u></i>	O68 - Recovery of a Polyphenolic Fraction from Eucalyptus globulus Bark for Industrial Applications <i>Paula C. O. R. Pinto, Gabriel D. A. Sousa, José Luís Amaral, Armando J. D. Silvestre, Carlos P. Neto, Filipe Crispim, António F. S. Prates</i>
12h30 14h00	Almoço	
14h00 15h00	Sessão Plenária III Auditório I	
	The Forest Biorefinery with Emphasis on the ESPRI Process and Applicable Biotechnology Developed at SUNY ESF (State University of New York College of Environmental Science and Forestry) Doutor Thomas E. Amidon, Professor e Director do ESPRI (Empire State Research Institute) Department of Paper and Bioprocess Engineering, Syracuse, New York, USA	
	Moderador: Prof. Jorge Luiz Colodette (Universidade Federal de Viçosa, Brasil)	
	Sessão Oral IXa Auditório I	Sessão Oral IXb Auditório III
	Produção de Papel	Biotecnologia e Biorefinaria
	Moderador: Eng. Manuel Gil Mata (grupo Portucel Soporcel, Portugal)	Moderador: Eng. Rui Sant’Ovaia (Instituto Politécnico de Tomar, Portugal)
15h00 15h30	Faster, wider, better - 100 years of progress in paper machinery <i><u>Herbert Holik</u></i>	O69 - Nanostructures Cleaved from Fiber Self-Assemblies and their Bioconversion <i><u>Orlando Rojas</u>, Monika Österberg J and Janne Laine</i>
15h30 16h00	Papel: Novas Funcionalidades para o Futuro <i><u>António Câmara</u>, CEO, YDreams <u>Inês Henriques</u>, Vice-Presidente para a</i>	O70 - New Materials from Cellulose Fibres. A Contribution to the Implementation of the Integrated Biorefinery Concept <i>Carmen S. R. Freire, <u>Armando J. D. Silvestre</u>,</i>



	<i>Investigação e Desenvolvimento, YDreams Interactive Surfaces</i>	<i>Alessandro Gandini and Carlos Pascoal Neto</i>
16h00 16h30	Café	
16h30 17h30	Sessão de Encerramento Auditório I	
20h00	Jantar de Gala	

Décimo aniversario de la RIADICYP

En 2010, la Red Iberoamericana de Celulosa y papel cumple 10 años.

Los esperamos para brindar por todos nosotros en Lisboa, en el XXI Encuentro Nacional TECNICELPA / VI CIADICYP 2010.

Reunión de la RIADICYP

Estimados Miembros de la RIADICYP,

Este mensaje tiene por objetivo adelantarles tres temas importantes que se tratarán en la próxima reunión de la Red, que tendrá lugar el próximo 16 de octubre en Coimbra, Portugal.

1) Sobre la existencia de la RIADICYP

Como saben, este año cumplimos el décimo aniversario de nuestra Red.

Es tiempo entonces de realizar un balance concreto con el fin de analizar si se mantienen vigentes los objetivos que nos unieron en su momento.

También es importante reflexionar sobre los grupos temáticos involucrados y su modificación/adaptación a los "Nuevos paradigmas" de los que hablaremos en el Congreso en Lisboa.

2) Sobre la coordinación de la RIADICYP

Como saben, en el 1er Congreso Iberoamericano de Celulosa y Papel, CIADICYP 2000, en octubre de ese año, me encargaron la misión de coordinar su creación.

Desde hace 10 años que continúo coordinando la RIADICYP y participando de una u otra forma en los eventos que, según mi opinión, son nuestro mayor logro: los CIADICYP.

Creo que mi actuación como Coordinadora General ha cumplido un ciclo más que largo y es importante que pensemos en mecanismos de renovación.

3) Sobre los CIADICYP

Tal como he planteado el tema de la existencia de la RIADICYP, propondo reflexionar sobre los CIADICYP.

Es importante revisar los motivos que llevaron a su creación, analizar la evolución de los mismos a lo largo de los años, y evaluar su continuidad.

Un cordial saludo.

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Dra. María Cristina Area
Coordinadora General RIADICYP

Libro

Panorama de la Industria de Celulosa y Papel en Iberoamérica 2008

Editado por María Cristina Area. - 1a ed. - Misiones: Red Iberoamericana de Docencia e Investigación en Celulosa y Papel-Riadicyp, 2008.

568 p.; 21x15 cm.

ISBN 978-987-24513-0-1

Hemos comenzado la carga del libro en la página de la RIADICYP.

Están disponibles para descargar en: <http://www.riadicyp.org.ar/>

- Páginas previas e Introducción (María Cristina Area / José Turrado Saucedo)



Riadicyp

- CAPÍTULO 1: "MATERIAS PRIMAS" (Gladys Mogollón / José Antonio García Hortal / William Leon)
- Anexo III. Mapas
- Anexo II. Red Iberoamericana de Docencia e Investigación en Celulosa y Papel

EN BREVE ESTARÁ DISPONIBLE:

- Anexo I. Panorama de los países miembros de la RIADICYP
- pagina 562 (mapa plegable)

NOTICIAS DE LA RIARREC

Red Iberoamericana para la revalorización del reciclado celulósico

Información en:

<http://www.fiq.unl.edu.ar/riarrec/>

CONVOCATORIAS - COOPERACIÓN - CURSOS – BECAS

[Dri] NOVEDADES DE COOPERACION INTERNACIONAL - N°14 - Julio de 2010

COOPERACIÓN BILATERAL Argentina - Chile (CONICYT)

19/07/2009 al 30/09/2010

Las bases están publicadas en www.mincyt.gov.ar

ABEST – UE

Convocatorias 2010 del 7mo Programa Marco de Investigación y Desarrollo de la Unión Europea

Se encuentran abiertas las nuevas Convocatorias del 7° Programa Marco de la Unión Europea (2007-2013) de las nueve Prioridades Temáticas abiertas a la participación de grupos de investigación de Terceros Países:

1. Salud;
2. Alimentos, Agricultura, Biotecnología y Pesca;
3. Tecnologías de la Información y de las Comunicaciones;
4. Nanociencias, Nanotecnologías, Materiales y Nuevas Tecnologías de Producción;
5. Energía;
6. Medioambiente (incluyendo Cambio Climático);
7. Transporte (incluyendo Aeronáutica);
8. Ciencias Socioeconómicas y Humanidades; y
9. Espacio.

En las Fichas de las Convocatorias se presentan los tópicos y líneas de investigación que se desarrollan con mayor precisión en el Programa de Trabajo de cada Convocatoria.

Se puede acceder ingresando al siguiente link:

<http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7CallsPage&rs>

Los tópicos y las líneas de investigación son transversales, por lo que les recomendamos interiorizarse con el contenido de todos estos documentos.

Consultas:

Oficina de Enlace Argentina / UE en Ciencia, Tecnología e Innovación (ABEST)

Dirección Nacional de Relaciones Internacionales, Ministerio de Ciencia, Tecnología e Innovación Productiva, Av. Córdoba 831, 4 Piso, CABA, Tel / Fax: 4891-8368 / 9



Riadicyp

PREMIO MÉXICO DE CIENCIA Y TECNOLOGÍA

El Consejo Nacional de Ciencia y Tecnología, a través de su área internacional, hace llegar la invitación del Gobierno de México para participar en la Convocatoria dirigida a las instituciones científicas y tecnológicas de Centroamérica, Sudamérica, el Caribe, España y Portugal, para que presenten candidatos al PREMIO MEXICO DE CIENCIA Y TECNOLOGIA en su edición 2010.

Esta distinción fue establecida el 27 de febrero de 1990 por la Presidencia de la Republica, para reconocer la labor científica y tecnológica realizada por investigadores en activo, residentes en alguno de los países que conforman la región de Iberoamérica y del Caribe, y para estimular la relación de sus comunidades científicas y tecnológicas con las de México.

El plazo para recepción de candidaturas y de la documentación correspondiente, vence el día **1 de octubre de 2010**.

Las instituciones que presenten candidaturas, deberán dirigir su carta de postulación y la documentación pertinente, a la Secretaria Ejecutiva del Consejo Consultivo de Ciencias de la Presidencia de la Republica Mexicana: San Francisco 1626-305, Col. Del Valle, Delegación Benito Juárez, C.P. 03100. México, D.F., México.

Más información: www.ccc.gob.mx

MINI FORO CYTED- IBEROEKA:

Innovaciones en la aplicación y uso eficiente de energías alternativas limpias: Eólica y Solar Térmica
18 y 19 de Noviembre de 2010 - Cafayate - Salta - República Argentina

El objetivo de este Foro es poner en contacto a empresarios e investigadores de Iberoamérica que estén interesados en llevar a cabo proyectos de innovación en forma conjunta en el Área de Energías Alternativas Limpias (solar térmica y eólica).

Este Mini Foro está estructurado en dos partes: sesiones temáticas, que consisten en breves presentaciones de casos de proyectos de innovación llevados a cabo por empresas e instituciones, y ruedas de encuentros bilaterales concertados previamente en función de las solicitudes realizadas por los participantes.

Programa preliminar en www.mincyt.gov.ar /Empresas

Más información e inscripciones:

Lic. Douglas Williams dwilliams@mincyt.gov.ar

Federico Georgiadis fgeorgiadis@mincyt.gov.ar

Tel: (+54-11) 4891-8470/71/72/73 (Interno: 6411)

FORUM CYTED-IBEROEKA 2010

Energía: Fuentes y Aplicaciones

CONVOCATORIA A LA INSCRIPCIÓN DE PARTICIPANTES HASTA EL JUEVES 14 DE OCTUBRE DE 2010

Se encuentra abierta la inscripción para participar del FORUM CYTED-IBEROEKA 2010 sobre "Energía: Fuentes y Aplicaciones". El mismo tendrá lugar los días 22 y 23 de Noviembre de 2010 en la ciudad de Cancún, México.

Web: http://www.cytcd.org/cytcd_innovacion/forum/2010/

La inscripción para el primer participante de cada empresa / institución incluye:

- 3 noches de alojamiento en el hotel concertado con desayuno y cena, almuerzos y cafés según programa.
- Cóctel de bienvenida y cena de despedida del Forum.
- Documentación con acreditación.

Cualquier otro costo deberá ser asumido por los participantes (movilidad local, impuestos aeroportuarios, consumos en el hotel, etc.).

Programa.

Sesiones Temáticas:

A) "Fuentes de Energía"

- Sesión Temática 1.1 – "Energías Renovables"
- Sesión Temática 1.2.- "Energía Nuclear"
- Sesión Temática 1.3.- "Energías No Renovables"



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B) "Uso Racional y Eficiencia Energética"

- Sesión Temática 2.1.- "En el Sector Turístico y Residencial"
- Sesión Temática 2.2.- "En Sector Agroalimentario"
- Sesión Temática 2.3.- "En el Sector Industrial"

Foros de Debate:

Foro 1.- "Políticas y Tecnologías Energéticas en la Región Iberoamericana"

Foro 2.- "Marcos Regulatorios y de Financiación"

Aquellas personas interesadas en participar deberán completar la ficha de inscripción ue debe solicitarse al Sr. Federico Georgiadis fgeorgiadis@mincyt.gov.ar y/o Lic. Douglas Williams dwilliams@mincyt.gov.ar

Más información:

Área de Cooperación Internacional con Empresas.

Dirección Nacional de Relaciones Internacionales.

Ministerio de Ciencia, Tecnología e Innovación Productiva – MINCYT -

Tel: +54-11-4891-8300 Int. 6411

Fax: +54-11-4891-8460

MAESTRÍAS EN CIENCIAS Y EN TECNOLOGÍA DE MADERA, CELULOSA Y PAPEL Orientación Celulosa y Papel // Orientación Tecnología de la Madera Universidad Nacional de Misiones, Argentina

Los cursos pueden tomarse individualmente, obteniendo certificados de asistencia o aprobación.

Cursos	Docentes	Fechas tentativas
Fabricación del papel y cartón II. Parte seca (40h: 4 créditos)	Dra. Graciela Gavazzo	19-20/11/2010 26-27/11/2010
Gestión rentable de procesos (40horas: 4 créditos)	Dr. Fernando Felissia	03-04/12/10 10-11/12/10

INFORMES E INSCRIPCION:

Programa de Investigación de Celulosa y Papel. Facultad de Cs. Exactas, Qcas. y Naturales, Universidad Nacional de Misiones.

Félix de Azara 1552, (3300), Posadas-Misiones-Argentina- Tel/Fax. 54 (3752)422198

E-mail: mamcyp@fceqyn.unam.edu.ar

<http://mamcyp.unam.edu.ar/>

LLAMADA DE TRABAJOS (CALL FOR PAPERS)

**Symposium on "Composites from Natural Resources"
Spring ACS meeting
Anaheim, California, USA.
March 27 – 31, 2011**

We are inviting submissions in the following topics:

1. Advances in bio-based polymer matrices
2. New biocomposites with advanced properties
3. Structural composites based on biomass
4. New bio-based particles for biocomposites
5. Surface modification of reinforcement bio-based fibres
6. Nanostructured reinforcement materials based on biomass
7. New functionalisation concepts for green composites
8. Hybrid bio-based green composites
9. Nanoscale characterization of biocomposite interfaces
10. Applications of biocomposites



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Please submit a paper at <http://abstracts.acs.org> by **October 18th**.

More information about the CELL division program is available at:
<http://cell.sites.acs.org/springprogram.htm>

Pedro Fardim (Åbo Akademi, Finland)
 Symposium organizer

**5th ICEP
 5th International Colloquium on Eucalyptus Pulp
 Porto Seguro, Brazil
 May 8-11 2011**

Abstracts deadline: **October 25 2010**

Contact:

Fernando J. B. Gomes
 Laboratório de Celulose e Papel
 DEF - UFV
 Viçosa – MG Brazil 36.570-000
 55-31-3899-2084
 e-mail: fjbgomes@yahoo.com.br

**Conferência Nórdica sobre Bio-refinaria de Madeira
 Nordic Wood Biorefinery Conference 2011
 22-24 March, 2011**

Prezados colegas:

Tenho a honra de convidá-los a submeterem resumos para a Conferência Nórdica sobre Bio-refinaria de Madeira, versão 2011 (chamada oficial de trabalhos anexa). O evento será organizado pelo INNVENTIA (antigo STFI) Sueco, com co-participação do VTT Finlandês. Espera-se um evento de elevado nível técnico, como foram os dois anteriores. Esse evento talvez seja o melhor foro mundial para se discutir o tema bio-refinaria, voltado especificamente à madeira, na atualidade.

Prestar atenção aos prazos abaixo:

Resumos para apresentações de poster: **01/11/2010**.

Trabalho Completo: **20/02/2011**.

Desde já agradeço a todos que puderem contribuir.
 Atenciosamente,

Jorge Luiz Colodette, Ph.D.
 Laboratório de Celulose e Papel
 Departamento de Engenharia Florestal
 Universidade Federal de Viçosa
 36.570-000 - Viçosa, MG Brasil
 Fone: 55-31-3899-2717
 e-mail: colodett@ufv.br
www.lcp.ufv.br

NWBC – the leading event where research and industry meet to discuss recent wood-based biorefinery developments

www.innventia.com/nwbc2011

Conference Programme, 22-24 March, 2011

The 3rd Nordic Wood Biorefinery Conference will present the latest ideas and developments in biorefinery separation and conversion processes as well as new biobased products from the wood biorefinery: energy, chemicals and materials. NWBC gathers expert speakers from the chemical, energy, pulp and paper industry



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as well as recognized representatives from the global research community. The conference will cover new research results and industrial experience related to biorefineries based on wood and/or on pulp mills:

- • Biorefinery systems and processes.
- • Biorefinery products: chemicals, materials and fuels.
- • Apart from technical/scientific subjects, economy and sustainability issues will also be addressed.

The last day of NWBC 2011 will be coorganised with the 9th ILI (International Lignin Institute) Forum, running March 24- 25, 2011 at the same location.

Optional site visits will be organized on March 21, 2011:

- The LignoBoost Demonstration plant in Bäckhammar, producing highquality kraft lignin as a source for biofuels and chemicals.
- The Biorefinery in Örnsköldsvik with specialty cellulose, liginosulfonate and ethanol at Domsjö Fabriker, biofuels and chemicals at SEKAB, and cellulose derivatives at Akzo Nobel.
- Biorefinery concepts at Solander Science Park in Piteå with Chemrec's BioDME-plant, SunPine's Taldiesel factory and ETC Gasification Centre.

9TH ILI FORUM 2011, Stockholm **"Market Opportunities for Lignin"** **INTERNATIONAL LIGNIN INSTITUTE –ILI** **March 24-25 2011**

The 9th ILI Forum is following a long lasting tradition of international conferences constituting an open forum for issues about lignin promotion. This is done in view of future market implementation of this quantity wise very important raw material. The next issue of the ILI Forum is co-organised with the the 3rd Nordic Wood Biorefinery Conference (NWBC, see www.innventia.com/nwbc2011) which will present the latest ideas and developments on the larger scope of biorefinery separation and conversion processes as well as new biobased products from the wood biorefinery.

The ILI Forum 9 conference will be entirely dedicated to the topic lignin during the full two days of the 24th/25th of March.

The venue, Clarion Sign Hotel, is Stockholm's largest and newest conference facility and full-service hotel, situated in the very heart of Stockholm, close to the Central Station and the Arlanda Express Airport Train.

Second announcement - Call for papers

Invitation to submit papers to the next ILI Forum conference

Submission deadlines

- Abstracts for selection of Posters: **November 1, 2010**
- Deadline for Manuscripts to preprint (both Oral presentations and Posters): **January 20, 2011**

Topics

The conference will cover new research results and industrial experience related to Lignin based on wood and non wood lignocellulosic raw material

- Separation of lignin from biomass and process residues, namely integration of lignin recovery into biorefineries
- Upgrading of lignin: chemical and enzymatic modification, fractionation
- Analytical progresses for lignin characterisation in research and quality control, contributions to emerging standards for lignin characterisation
- Progresses in high volume applications using lignin as a future commodity, laboratory research, but also commercial implementation and up scaling
- Development of high added value applications
- Context information: presentation of running research programmes, legal aspects, toxicology, live cycle analysis, economic studies, market studies and overviews on potential development of lignin research, project suggestions etc.

Instructions for Abstracts

Send your abstract as a word file to admin@ili-lignin.com

Abstract Submission

Contents:

Title and authors: Give the names of the authors in the following order: first name, surname. Underline the presenting author. Affiliation, city, country, using superscript number to refer to each author. Email address of presenting author.

Main text: max ca 400 words. Make sure that the news value of the suggested presentation is clear.

<http://www.ili-lignin.com/conferences/2011/workshop.php> , www.ILI-lignin.com



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Invitation to Present at PaperCon 2011 May 1-4, 2011, in Covington, Kentucky, USA.

Invitation to Present: PaperCon 2011

“Rethink Paper: Lean & Green”

A Call for Papers or posters has been issued for the Papermaking Technical Program.

The deadline for submission of titles and abstracts for technical papers, posters as well as for panel sessions and roundtables is **November 15, 2010**.

Paper company personnel, suppliers, students and academics are strongly encouraged to submit abstracts, as TAPPI is interested in providing a forum for new concepts and speakers. See the full list of recommended topics and submittal details.

Learn more about PaperCon 2011.

<http://www.papercon.org/>

EPNOE 2011, First Annoucement 2nd international conference

Dear Colleague,

We would like to ask your attention for the 2nd EPNOE International Polysaccharide Conference (EPNOE 2011) to be held in Wageningen (The Netherlands) from August 29 to September 2, 2011.

Like the previous successful EPNOE polysaccharide conference in Turku (2009) this event will provide a forum for the exchange of information and the initiation of new collaborations by bringing together scientists from industry, academia and research institutes. In recent years there has been a strong revival of interest in the biosynthesis, structure, properties, modification, performance and application of polysaccharides and their derivatives. An important reason for this is that the need for maximizing the use of renewable and sustainable resources has been recognized by society, industry and politicians. In addition there have been increasing developments in medically related applications of polysaccharides.

Reflecting the rapid expansion in the field, the scope of the conference will be broad.

Information can be found at www.vlaggraduateschool.nl/epnoe2011

On behalf of the organizing committee,

Eva Oudshoorn

VLAG Graduate School - Wageningen University

VARIOS DE ESTER FOELKEL Y CELSO FOELKEL

Online Book (livro virtual) - Capítulos Disponíveis

<http://www.eucalyptus.com.br/disponiveis.html>

Esse é um serviço sem custos para você, basta clicar para receber os capítulos de seu interesse já colocados nessa seção.

Os seguintes capítulos estão disponíveis para download grátis para seu computador ou para leitura em nosso website.

- 1) Casca da árvore do eucalipto: aspectos morfológicos, fisiológicos, florestais, ecológicos e industriais, visando a produção de celulose e papel (1.5 MB em PDF)
- 2) Minerais e nutrientes das árvores dos eucaliptos: Aspectos ambientais, fisiológicos, silviculturais e industriais acerca dos elementos inorgânicos presentes nas árvores (2.61 MB em PDF)
- 3) As fibras dos eucaliptos e as qualidades requeridas na celulose kraft para a fabricação de papel (2.35 MB em PDF)
- 4) Elementos de vaso e celulosas de eucalipto (9.5 MB em PDF)
- 5) Resíduos sólidos industriais da produção de celulose kraft de eucalipto - Parte 01: Resíduos orgânicos fibrosos (9 MB em PDF)
- 6) Ecoeficiência na gestão da perda de fibras de celulose e do refugo gerado na fabricação do papel (8.8 MB em PDF)
- 7) Gestão ecoeficiente dos resíduos florestais lenhosos da eucaliptocultura (6.9 MB em PDF)



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- 8) Os Eucaliptos e as Leguminosas. Parte 01: Acacia mearnsii (10.7 MB em PDF)
- 9) Ecoeficiência e produção mais limpa para a indústria de celulose e papel de eucalipto (1.3 MB em PDF)
- 10) Oportunidades para ecoeficácia, ecoeficiência e produção mais limpa na fabricação de celulose kraft de eucalipto (21.3 MB em PDF)
- 11) A Produção de Florestas Plantadas de Eucalipto sob a Ótica da Ecoeficácia, Ecoeficiência e da Produção mais Limpa (24.4 MB em PDF)
- 12) Mil e uma maneiras de fazer sua fábrica de celulose e/ou de papel e sua floresta plantada mais ecoeficazes e mais ecoeficientes (12.4 MB em PDF)
- 13) Resíduos Sólidos Industriais do Processo de Fabricação de Celulose e Papel de Eucalipto. Parte 02: Fatores de sucesso para seu gerenciamento (13.8 MB em PDF)
- 14) Propriedades Papeleiras das Árvores, Madeiras e Fibras Celulósicas dos Eucaliptos (4.6 MB em PDF)
- 15) O Processo de Impregnação dos Cavacos de Madeira de Eucalipto pelo Licor Kraft de Cozimento (5,64 MB em PDF)
- 16) Individualização das Fibras da Madeira do Eucalipto para a Produção de Celulose Kraft (6,5 MB em PDF)
- 17) Diferenciando Polpas de Mercado e Papéis de Eucalipto através da Gestão dos Finos Celulósicos da Polpa (4,16 MB em PDF)
- 18) Produção de Carvão Vegetal Utilizando Madeira de Florestas Plantadas de Eucalipto (em HTML)
- 19) Um Guia Referencial sobre Ecoeficiência Energética para a Indústria de Papel e Celulose Kraft de Eucalipto no Brasil (4,6 MB em PDF)
- 20) Resíduos Sólidos Industriais do Processo de Fabricação de Celulose e Papel de Eucalipto. Parte 03: Lodos & Lodos (10,3 MB em PDF)

<http://www.eucalyptus.com.br/>

INFORMACIONES DE INTERÉS

Esta sección contiene artículos extraídos de boletines. Las opiniones y juicios expresados por los autores de los artículos no necesariamente reflejan los puntos de vista de la RIADICYP

Asociación de Fabricantes de Celulosa y Papel (Argentina)

AFCP NOTICIAS

22 de setiembre de 2010 AÑO IV N°71

<http://www.afcparg.org.ar/news/>

- Papelera Tucumán abandona la comercialización de papel para diarios
- Ángel Estrada ganó el premio Fortuna
- Estudian alternativas para instalar pasteras de menor escala
- Suzano desembolsará US\$ 2.300 millones en Maranhão y Piauí
- Podría faltar cartulina para envases en Brasil
- Arauco y CMPC proyectan aumentar su producción de celulosa
- España: la certificación forestal aumenta el valor de la madera
- Fundación FEMSA y BID premian mejores prácticas en el manejo de recursos hídricos
- Kimberly-Clark promueve la integración de generaciones con la Orquesta Momentos
- Feria Forestal Argentina
- Quinta Conferencia sobre las Perspectivas de Celulosa y Papel en América latina
- Concurso de Witcel: diseñan indumentaria de papel

ABTCP

Notícias de 30 de agosto de 2010

Clipping Tec ABTCP - A Informação Tecnológica a seu dispor!

Edição 10

ABTCP - Revistas O Papel e Nosso Papel



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Impacto da qualidade da madeira de eucalipto no desempenho financeiro de um modelo de fábrica brasileira de celulose. (O Papel – Julho, 2009)

http://www.revistaopapel.org.br/noticia-anexos/1251310871_19691372edd54ca288d6bfca816bb512_1292513266.pdf

Nanocristais de celulose. (O Papel - Julho, 2009)

http://www.revistaopapel.org.br/noticia-anexos/1251314726_b9ecef5ad2ceb413bf6540a9f1f3d64_529709110.pdf

ABTCP - Informações Técnicas

História da ABTCP. (Website ABTCP)

<http://www.abtcp.org.br/Pagina.aspx?IdSecao=118,120>

ABTCP como uma entidade OSCIP – Renúncia fiscal (Website ABTCP)

<http://www.abtcp.org.br/Pagina.aspx?IdSecao=161,164>

Eucalyptus Online Book & Newsletter

Os eucaliptos e o artesanato. (Eucalyptus Newsletter nº 12 – Novembro, 2007)

http://www.eucalyptus.com.br/newspt_nov07.html#sete

Os eucaliptos inspirando as artes. (Eucalyptus Newsletter nº 13 – Janeiro, 2008)

http://www.eucalyptus.com.br/newspt_jan08.html#cinco

PinusLetter

Taxonomia do gênero Pinus. (PinusLetter nº 02 – Fevereiro, 2008)

http://www.eucalyptus.com.br/pinus_02.html#um

Plantando Pinus para recuperação de áreas degradadas. (PinusLetter nº 01 – Janeiro, 2008)

http://www.celso-foelkel.com.br/pinus_01.html#cinco

Caso você acredite que esse Tec Clipping possa ser útil a seus amigos, cadastre-os gratuitamente pelo email: relacionamento@abtcp.org.br

European Recovered Paper Council (ERPC)

Press Release: Europe shows global leadership in recycling

http://www.paperrecovery.org/news/erpc_news_article.asp?PagelId=2076

The latest Monitoring report of the European Recovered Paper Council (ERPC) shows that Europe has achieved a world record level of paper recycling in 2009. The rate reached 72.2% which is again higher than the target set in its Commitment for 2010 of 66%. The total amount recycled in paper mills came to 58 million tonnes in 2009.

The latest Monitoring report of the European Recovered Paper Council (ERPC) shows that Europe has achieved a world record level of paper recycling in 2009. The rate reached 72.2% which is again higher than the target set in its Commitment for 2010 of 66%. The total amount recycled in paper mills came to 58 million tonnes in 2009. “The economic recession continued in 2009 and made the paper consumption drop to the level of 1998. This, together with industry’s continued effort to increase recycling made, for the second year in a row, the recycling rate jump up, resulting in a record high 72.2%.” explained Jori Ringman, Secretary of the ERPC. The recycling rate is the ratio between the recycling and the consumption of paper. A swing in the opposite direction may occur when the economy recovers as recycling may not be able to immediately match up to the reviving paper consumption; the recycling rate is likely to drop, temporarily. In 2010 the recycling rate is estimated to be under 70%, closer to the original target of 66% (±1.5%-points). “Recycling is intrinsically a self-adjusting mechanism which, with a lag of three to six months, will adapt to any volume of consumption”, Ringman reminded. “In the trend, the industry will continue on its path to meeting ambitious targets of recycling paper at a steadily increasing rate in Europe”, he said. Since 1998, the base year of the first voluntary commitment, the paper industry has increased the annual paper recycling by 45%, growing from less than 40 million tonnes of paper recycled annually to 58 million tonnes last year. For the commitment period of 2006 to 2010, PricewaterhouseCoopers has independently verified the recycling rate calculations using the International Standard on Assurance Engagements ISAE 3000. The 14 members of the Council have also made good progress in the qualitative targets laid out in its Commitment particularly with respect to eco-design and waste prevention.



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Painel Florestal

<http://painelflorestal.com.br/>

- Sistema agrosilvopastoril pode ser solução para pastagens degradadas
- Entrevista com o consultor especializado Pedro Frâncio Filho.
- Cenibra começa operações do Gasoduto Vale do Aço
- A solenidade de início das operações do Gasoduto Vale do Aço será no dia 29.
- Vale promove maior projeto de reflorestamento no Pará
- Já foram plantadas mais de 29,1 milhões de árvores em 26.900 hectares.
- Estudo revela quais são as madeiras mais resistentes e duráveis
- Prioridade foi dada as que possuem maior potencial madeireiro.
- Estudo revela que manejo florestal é mais lucrativo que a pecuária
- Governo da Bahia elabora estudo para minimizar fuga de cargas de celulose
- 3ª edição de Seminário de Viveiros Florestais começa no dia 28 deste mês
- O engenheiro agrônomo e diretor da Usina Santa Elisa, Marco Antônio Murbach, explica em detalhes como plantar uma floresta de seringueiras.
- As seringueiras chegaram em Aparecida do Taboado-MS
- Inventário Florestal - Momento Embrapa Florestas

ICI

<http://www.iciforestal.com.uy/>

UPM to donate EUR 500,000 to Finnish universities

UPM - press - FINLANDIA - 24 setiembre 2010

UPM donates altogether EUR 500,000 for research and education to five Finnish universities. Each of the following academies will receive a donation of EUR 100,000: University of Oulu, University of Lappeenranta, University of Helsinki, Åbo Akademi and Hanken School of Economics. The donations are distributed to universities representing expertise in different fields and locating in different parts of the country. In March, UPM's AGM authorised the Board to decide to donate no more than 500,000 euros in year 2010.

Earlier this year, the Finnish Forest Industries Federation announced to donate EUR 4 million to the starting endowment of the Finnish Aalto University. UPM is a significant member of the Finnish Forest Industries Federation.

"Top-level scientific research creates a foundation for innovations and international success which are prerequisites for the renewal of the forest industry as well as its future success. We want to support these universities in their work to develop and teach top level knowledge and skills", says UPM President and CEO Jussi Pesonen.

"The Finnish forest industry has a unique position to be the frontrunner of bioeconomy which is based on renewable raw material and recyclable products. The renewal of the forest industry requires large cooperation in the society."

For more information, please contact:

Mr Hans Sohlström, UPM, Executive Vice President, Corporate Relations and Development, tel. +358 0204 150 542

RISI

<http://www.risiinfo.com/>

Mills & Technology Weekly Newsletter

August 31, 2010

FEATURED CONTENT

- Get rid of scale - and save \$5 a ton

In today's pulp and paper market, understanding the entire system is more important than ever as pulp mills seek increased production levels, improved product quality, and greater water optimization while facing the challenge of increasingly stringent environmental regulations. more

- Papermaking in Europe: No status quo



Riadicy

Smith previously led Eka's business units in North and South America, and before that, directed Eka's global paper chemicals business. Lundgren has seen his focus broaden to include papermaking chemicals, as well as pulp bleaching. [more](#)

BLOG

- Congress and paper companies covet 'Son of Black Liquor' funds
USA, Aug. 27, 2010 - The "Son of Black Liquor" tax credits will probably cost American taxpayers hundreds of millions, if not billions, of additional dollars, but Congress might grab the money without paper manufacturers getting a dime. [more](#)

TOP TECHNOLOGY NEWS

- Spartanics introduces bar codes in finecut laser die cutting systems
- Clariant to showcase its chemicals at China Paper 2010 exhibition in Shanghai
- POM Technology to supply complete approach flow system for APP kraft paper machine in Indonesia
- Metso to supply cartonboard production line to Lee & Man Paper in Guangdong, China
- KapStone Paper gains approval as producer of cellulosic biofuel
- Buckeye ranked in top 20% of southeast US sustainable businesses
- North American weekly pulp and paper rail freight up 6.3%

FEATURED WHITE PAPERS

- New Versatile Coating Method Provides Excellent Coverage!
- With Metso's Optilayer multilayer curtain coating, multiple layers can be applied simultaneously, with essentially no speed restrictions.
- BTG's new "RET-X" is the latest approach to retention control. These retention measurement instruments are designed to provide combined wet end control strategies; a single sensor approach for highest flexibility, and calibration stability. Save money with BTG retention measurement!

TOP PULP & PAPER NEWS

- As world producer stocks rise 4 days, pulp buyers ready another pricing battle
- RISI VIEWPOINT: Are US coated mechanical prices nearing their peak or just getting started? An assessment of LWC price drivers
- Chilean pulp producer Empresas CMPC boosts 2Q net income 338%
- CEPIPRINT reports increase in European demand for mechanical paper segments in July
- AbitibiBowater to receive C\$130M settlement in Newfoundland asset appropriation case

Mills & Technology Weekly Newsletter September 7, 2010

FEATURED CONTENT

- Williams of Domtar: RISI's NA CEO of the Year
Domtar's John Williams was selected by analysts as RISI's North American CEO of the Year for steadying the company through 2009's pulp and paper industry demand plummet, while also tracking down new revenue streams and slashing debt. [more](#)

- Reduce risks by taking risks: Eka interview Part II

In Part II of RISI's exclusive interview with the Eka's top European management Byron Smith, head of the company's business unit in Europe, Per Lundgren, regional manager Nordic countries and Jay Hunsberger, marketing director from Europe,... [more](#)

BLOG

- Western timber, log markets on shakey ground as housing starts remain slow
BEDFORD, MA. - The first half of 2010 saw western timber markets begin to recover after hitting historical lows in mid 2009. The upturn was fueled by optimism in domestic housing markets and strong export demand from Asian markets. [more](#)

TOP TECHNOLOGY NEWS

- MarquipWardUnited upgrades Apollo TSKM for converter friendly sheeting
- Kemira establishes manufacturing facility in Nanjing, China to serve water treatment market
- Norampak to expand Ontario box plant in \$1M project
- Burrows Paper sets dual project to raise production, reduce energy use at Mississippi mill
- Study says EPA Boiler MACT rule would 'destroy' tens of thousands of US pulp and paper jobs
- University study says pulp mills can save energy drying with infrared technology
- Siemens invests Euro 100M to improve its environmental performance worldwide

FEATURED WHITE PAPERS

- New Approach to Retention Control



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BTG's new "RET-X" is the latest approach to retention control. These retention measurement instruments are designed to provide combined wet end control strategies; a single sensor approach for highest flexibility, and calibration stability. Save money with BTG retention measurement!

- Roquette: Papermaking and Starch, the changes

How to secure your supply of cationic starches? Looking for enhanced strength and retention? HI-CAT® / VECTOR® - 4 Solutions to the same end!

TOP PULP & PAPER NEWS

- Reynolds Food Packaging is increasing production, adding jobs at Ontario plant
 - White Birch Paper stalking horse bid goes ahead
 - RISI VIEWPOINT: North American paper packaging markets: Heading into a danger zone?
 - Tembec to permanently close idle Pine Falls, MB, newsprint mill
 - Million tonne BHK pulp line at APRIL's Chinese mill goes commercial
-

Mills & Technology Weekly Newsletter September 14, 2010

FEATURED CONTENT

- Propapier - A brave new world

In Part I of a two part series, Mark Rushton finds out that the recent global recession has gone some way to alter the landscape of the pulp and paper industry, especially in Europe, and making large investment decisions are now even more crucial than ever. [more](#)

- In search of sustainable reliability

I am no longer surprised to see reliability and maintenance improvement initiatives abandoned before the substantial results, which are possible to achieve, are delivered and sustained for years to come. [more](#)

BLOG

- China's new coated woodfree paper capacity - where will the shipments go?

SHANGHAI, Sept. 10, 2010 - APP Jinhai's PM2 and Oji Nantong's PM1 both kicked off trial production in May 2010, with a combined capacity of approximately 1.6 million tonnes of coated paper. [more](#)

TOP TECHNOLOGY NEWS

- Xerium's new forming fabric improves sheet quality
- Hexion to merge with Momentive Performance Materials to create global leader in specialty chemicals
- Metso to restore earthquake damaged boiler at Arauco pulp mill in Chile
- Innventia research leads to more cost effective papermaking methods
- Chemrec inaugurates biofuel plant at Smurfit Kappa's mill in Piteå, Sweden
- Cascades' American mills named Energy Star® partners by EPA
- North American weekly pulp and paper rail freight up 8.2%

FEATURED WHITE PAPERS

- Roquette: Papermaking and Starch, the changes

How to secure your supply of cationic starches? Looking for enhanced strength and retention? HI-CAT® / VECTOR® - 4 Solutions to the same end!

- RET-X: BTG's New Approach to Retention Control

BTG's new "RET-X" is the latest approach to retention control. These retention measurement instruments are designed to provide combined wet end control strategies; a single sensor approach for highest flexibility, and calibration stability. Save money with BTG retention measurement!

TOP PULP & PAPER NEWS

- Guess what? They're not buying your product because of your packaging
 - Possible buyer emerges for shuttered Kimberly mill
 - United Fiber shelves Indonesian BHK pulp mill project; set to get new owner
 - APP China gets to work on building LPB machine; APMP lines' startup near
 - Mitsubishi HiTec Paper to merge Bielefeld and Flensburg sites in Germany
-

Mills & Technology Weekly Newsletter September 21, 2010

FEATURED CONTENT

- The PPI Top 100 - Asian tigers pounce

Although International Paper has been the Old Faithful of PPI's Top 100, holding the Number one spot for many years, 2009 saw quite a bit of movement in the rest of the classifications. [more](#)



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- Expansion in a recession? The brave new world of Propapier Part II

In Part II of The Brave New World of Propapier, Mark Rushton finds out about the company's new mill at Eisenhüttenstadt, Germany, as well as taking a closer look at the advanced new technology in the fiber line and PM 2, the brand new paper machine from Metso. [more](#)

BLOG

- Where will China get the recovered paper to meet its fast growing demand?

BEDFORD, MA, Sept. 20, 2010 - I spent the past few weeks traveling in China, trying to dig up more information about the Chinese recovered paper (RCP) market. During my trip, I visited quite a few local and international recovered paper suppliers, traders and users. [more](#)

- Papermakers bring out the big guns for dumping case

USA, Sept. 17, 2010 - Nine senators, 10 House members, and one governor are slated to appear at today's U.S. International Trade Commission hearing on the anti-dumping case against Asian paper companies. [more](#)

TOP TECHNOLOGY NEWS

- ExperTune adds new web-based control tools to its PlantTriage software
- Eka Chemicals to increase sodium chlorate prices in NAFTA region
- Intercon Paper installs new MarquipWardUnited SheetWizard at Dallas facility
- PMT to supply high capacity top former and film size press to NR Agarwal in India
- Ethanol plans stalled for Domtar mill in Alberta as company plans to demolish it
- Gores Group acquires and plans restart of Weyerhaeuser pulp mill in Cosmopolis, WA
- EPA highlights 100 Recovery Act Projects changing America in new report by Vice President

FEATURED WHITE PAPERS

- Honeywell: Introducing Experion MX - Integrated QCS for Paper Machines

Honeywell's new Experion MX is a modern Quality Control System (QCS) designed to make papermaking more profitable. Experion MX improves paper quality, reduces services and maintenance costs and much more!

- RET-X: BTG's New Approach to Retention Control

BTG's new "RET-X" is the latest approach to retention control. These retention measurement instruments are designed to provide combined wet end control strategies; a single sensor approach for highest flexibility, and calibration stability. Save money with BTG retention measurement!

- Roquette: Papermaking and Starch, the changes

How to secure your supply of cationic starches? Looking for enhanced strength and retention? HI-CAT® / VECTOR® - 4 Solutions to the same end!

TOP PULP & PAPER NEWS

- Sun Paper discloses illegal trading activity in China
- AbitibiBowater in talks to sell idle Alabama River Newsprint mill
- Terrace Bay Pulp exits creditor protection, prepares NBSK mill for restart
- APP erects Beloit PM following ten-year-old legal battle
- Despite concern about the economy, US box shipments rose in August

TAPPI

<http://www.tappi.org/>

TAPPI Ahead the curve

August 25, 2010

Biomass destination still not in sight

By Laszlo Paszner, Ph.D., Paszner Technologies Inc., Canada

EDITOR'S NOTE: The following letter was received in response to the editorial by Ken Patrick ("The Nearer Your Destination...") that appeared in the July/August 2010 issue of Paper 360° magazine.

I am pleased to read your editorial and note that the pulp and paper industry is finally prompted to take its share in the nation's (world's?) effort to break the oil dependence habit.

To back up this statement, in October 1973 (during the OPEC oil embargo) at the TAPPI Wood Chemistry Committee meeting in Seattle, Wash., we were asked by the U.S. Department of Energy (DOE) to conduct some research on the feasibility of improving the Schoeller/Madison (WW II) dilute acid wood hydrolysis technology. By mid-1974, we unanimously stated that the process could not be improved economically because kinetically it was a "two-way street." Further research on ethanol production from cellulosic



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materials was not encouraged by the DOE, although the agriculture industry (corn growers) went ahead and independently created a new industry by 1976. The rest of the ethanol industry's success is history now.

Some 35 years later we seem to be up against an unchanged attitude by the forest and pulping industries, in spite of the EISA encouragement which specifically mandates biomass (cellulose) as the preferred feedstock for ethanol production from the 1.3 billion MT/yr biomass (The billion ton study) available in the USA, of which some 368 million MT/yr is forest residues. At 350 L/T (93 gallons/T) the ethanol potential of such residues may be 34 billion gallons/yr (129 billion L/yr), some 24% of the total U.S. fuel consumption at this time and nearly equal to the total ethanol projection by EISA for 2022. Yet, in spite of such encouragement, the forest and pulping industries have not responded to this call.

Judging from pulp mill downsizing during the past five years, significant surpluses in pulping chips must also have occurred, which likely ended up in Japan and China and became feedstock for the competition in the global pulp and paper markets. Obviously, the pulping industry has long forgotten the time when pulp mills were integrated with wood rooms (sawmills) which produced the chips on site, often in poor lumber markets from #3 saw logs. In other words, the pulping industry had other options for adjusting its productivity in the past, by which paper market fluctuations could have been mitigated.

I am amazed that no one in the pulp and paper industry has figured out yet how to integrate pulp production with ethanol production from wood in a similar manner when chips would be directed to pulping when the pulp/paper markets are strong, and to ethanol production when they are weak. We even went as far during the 1980s as suggesting a digester configuration which, with the appropriate pulping technology, would have had the flexibility to be used in making pulp or alternately wood sugars without any modifications of the digester. But [we were told] at the time that "such an option would be of no benefit to the pulp and paper industry."

More...

<http://www.tappi.org/content/enewsletters/ahead/2010/issues/2010-08-25.html>

TAPPI Ahead the curve

September 1 , 2010

Paper... can you imagine life without it?

Sappi article on bizcommunity.com, July 25, 2010

EDITOR'S NOTE: This article by Sappi Limited is reprinted with permission from Sappi.

It is Wednesday morning, 6:30, and business executive Mark Brown is getting ready for work. The toilet paper in the bathroom comes in handy. So does the pack of tissues next to his bed. Nothing is as irritating as uncontained sneezing when suffering from a cold.

He and his wife celebrated their 12th wedding anniversary last night, which is why he has to step over the gift wrapping strewn over the carpet. He smiles as he remembers her surprise when she opened her anniversary card... and found his handwritten love letter inside--the first he has written since their courting days. Putting pen to paper is not really his style, but at least this romantic, old-fashioned gesture had the desired effect.

In the kitchen, he grabs a cereal box and gulps down a quick breakfast, before collecting the scribbled office report from the dining room table. He's glad he brought a printed copy home last night--it was much quicker to read and edit than when staring at a computer screen. He does enough of that during office hours.

He heads for the front door, but not before jotting down a quick to-do list on a scrap of paper (his cell phone needs recharging, so no time to check his digital diary).

His four-year-old daughter dashes around the corner and stuffs one of her latest paintings in his hand... another "work of art" to display on his office wall.

Heading for the car, Mark picks up his daily newspaper on the porch. He walks back to the front door and pushes the loose advertising insert underneath. As with most women, his wife loves a bargain and will surely scrutinize this week's specials.

In traffic on his way to work, his mind drifts off to the gripping best-seller he plans to finish tonight.

Mark's story is just a typical example of how intricately our lives involve paper. Whether it is toilet, tissue or wrapping paper, cards, cartons, office paper, newspapers, pamphlets or books, this versatile medium is so much part of how we live that it is hard to imagine living without it.

There are many--sometimes unseen--advantages to paper. Paper is tactile, instant, easy to use and unrivalled in user impact (consumers still favor the printed word over digital media). Paper reminds us that we can enjoy and appreciate the finer things in life. Think of lovers reading poetry, an orchestra playing off of sheet music, or creative advertising that makes you stop and look twice. Besides, can you really read a computer while soaking in the bathtub?

Then why, if paper is so great, are people advocating that we should use less of it?



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Are their claims about how paper manufacturing greatly accelerates global warming, "kills" trees and depletes our natural resources, true? And is modern technology--like e-mail, the internet and e-books--really a smarter, more effective way of doing things?

Not as much as some would like us to believe.

More...

<http://www.tappi.org/content/enewsletters/ahead/2010/issues/2010-09-01.html>

TAPPI Ahead the curve September 8, 2010

Environmental Policy Uncertainty by B.A. (Ben) Thorp

Major corporations and individual facilities need an Environmental Strategy that is accepted by all stakeholders. What is not well understood is that there are a variety of choices.

It is necessary to analyze environmental policy decisions as rigorously as critical business factors such as products, markets, customers and raw materials. While precise definitions may not exist, are not generally accepted, or are still evolving, some of the major corporate policy choices include:

- * Being Green means that business responds to what influential environmental groups and customers are emphasizing.

- * Permit Compliance is doing what the law requires.

- * Recycling means that services, product design and process design employ high recycled content and the product itself is recyclable.

- * Low carbon is the adoption of services, products and processes which have low carbon emissions.

- * Renewable means that product design and process design use the maximum practical renewable materials. Renewable does not mean sustainable.

- * Sustainable means that the product and process use materials that are available forever, and some say for this use

Some of the accepted major measurement systems include but are not limited to:

- * Direct evaluation means all critical elements/events "inside the fence line" are modeled, measured, recorded, and totaled (hourly, monthly, yearly, etc).

- * Indirect evaluation includes the environmental impact of selected items that occurs outside the "fence line." The policy selected typically determines the items selected.

- * Green House Gas Analysis is a selective analysis of those emission components which are known to interact with the atmosphere's "green house" effect.

- * Life Cycle Analysis is the broadest measurement system used today and includes the environmental impact of all materials used in the product, service or process.

THE IMPACT MATRIX

The magnitude and implication of environmental policy choices can be understood by using a matrix which attempts to assign order--from least impactful to most impactful--for both the policy and the measurement system. The cell with the least effect on business is the upper left. The one with the most effect is the lower right.

More...

<http://www.tappi.org/content/enewsletters/ahead/2010/issues/2010-09-08.html>

NOVEDADES FORESTALES INTA CONCORDIA

novedadesforestales@concordia.com.ar

<http://www.inta.gov.ar/concordia>

Del Congreso Mundial de Investigadores y Extensionistas Forestales de la IUFRO surge que Los Bosques son la opción más competitiva contra el cambio climático, según comenta Yeray Martínez. Cerca de 2.700 participantes de más de 90 países se reunieron en Seúl, desarrollando 170 sesiones con más de 1.900 trabajos de investigación en campos como el cambio climático, biodiversidad y uso sostenible del bosque, bosques, comunidad y culturas o bosques, salud y seguridad ambiental,

De él surge que los bosques están pasando primera escena mundial y el papel que éstos juegan frente al cambio global: los bosques son un gran almacén de CO₂ y la deforestación y degradación son



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responsables, hoy día, de una quinta parte de las emisiones mundiales. Esta cifra es más que la de todo el sector mundial del transporte.

El responsable Forestal de FAO, Eduardo Rojas, afirmó que un uso adecuado de los recursos forestales podría llevarnos a recuperar los niveles de CO₂ atmosféricos de la era preindustrial en sólo 100 o 150 años.

Fuente ICI

La directiva de IUFRO aportó asimismo, al cierre del congreso, los retos de cara al futuro para la ciencia forestal:

- Comunicación para la puesta en valor de los bosques y la ciencia forestal. En este sentido destaca el IV Día de los Bosques, un evento paralelo a la próxima Cumbre del Clima (COP 16) en Cancún, y la declaración de 2011 como Año Internacional de los Bosques
- Implantación de proyectos REDD: mecanismos de financiación, titularidad de tierras, seguimiento y evaluación de stocks, gobernanza, comunidades y biodiversidad
- Silvicultura y mejora genética para una demanda múltiple y creciente de los servicios de los bosques: madera, productos no maderables, bioenergía, biodiversidad, captura de carbono o agua
- Adaptación al cambio climático: sustitución de especies, resiliencia, resistencia a vendavales, incendios, inundaciones
- Extensión de las plagas y enfermedades por la globalización: el flujo de mercancías está llevando a la aparición de plagas y enfermedades extrañas a los ecosistemas, causando daños severos.
- Mejorar la transversalidad en la investigación forestal, tanto entre los diferentes grupos de IUFRO, como entre los investigadores forestales y aquellos de otras ramas de la ciencia (ciencias sociales, salud, economía, política). Fuente ICI

y hablando de IUFRO.... les anticipamos que colegas de la IUFRO están organizando la conferencia Australasian Forest Genetics Conference , la idea es realizarla en Noviembre del 2011 en Christchurch, Nueva Zelanda.... ampliaremos...

(NZ un muy bonito lugar.... como el resto de Nueva Zelanda, recomendamos probar el plato nacional que se trata de una pierna de cordero al horno...)

Novedades del IPEF On Line

Colabora: Luiz Erivelto de Oliveira Jr. IPEF-Brasil

El Ipef On line comunica que ha editado una Nueva tesis " Avaliação da variabilidade genética em uma população base de Eucalyptus camaldulensis Dehnh. para fins de conservação e melhoramento genético (2.185 Kb) por Silva,J.M. Universidade Estadual Paulista, 2010. Bajar de

<http://www.ipef.br/servicos/teses/?id=239>

El Ipef On line comunica que ha editado una Nueva Disertación : Caracterização da madeira de clones de Eucalyptus camaldulensis Dehnh. e Eucalyptus urophylla S.T. Blake, oriunda de um consórcio agrossilvipastoril . (2.343 Kb) Por. Evangelista,W.V. Universidade Federal de Viçosa, 2007. Bajar de

<http://www.ipef.br/servicos/teses/?id=238>

www.ipef.br

En Brasil quieren reducir las emisiones de CO₂ en 10 millones de toneladas, para ello se recurrirá a plantaciones forestales comerciales como eucalipto y pino. Esto está previsto en el programa Agricultura de Baixo Carbono (ABC), como iniciativa del Ministério da Agricultura, Pecuária e Abastecimento. La intención del gobierno es aumentar el área plantadas hasta el 2020 en 6 millones de ha, lo que permitirá una reducción de de emisión de 8 a 10 millones de toneladas de CO₂

Fuente SBS- Mapa

Portal celuloseonline

<http://www.celuloseonline.com.br/>

O Boletim do Portal Celulose Online é uma "newsletter" bi-semanal (terças e quintas-feiras). Com manchetes de notícias nacionais e internacionais, link para entrevista, artigo, vagas de emprego, bolsa de negócios, eventos e espaço publicitário.



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Doutor celulose

http://www.celuloseonline.com.br/doutor_celulose/

Bleaching of eucalyptus kraft pulp to very high brightness

01/03/2010

Artigos

<http://www.celuloseonline.com.br/artigos/>

Parcerias em inovação

Ricardo Young - Empresário e militante do movimento pela sustentabilidade

CEPI FOCUS

European paper news

Issue 2 | June 2010

<http://www.cepi.org/Content/Default.asp?PageID=558&DocID=28174>

European Recovered Paper Identification Newsletter

www.recoveredpaper-id.eu

FORESTAL WEB - Newsletter

Información forestal del Uruguay

<http://www.forestalweb.com/>

INFO-BOLETIN: MARI PAPEL & CORRUGADO

Suscripción Gratuita

A la revista Mari Papel y Corrugado

Al info-boletín

<http://www.latinpressinc.com/latinpress/suscripcion.php?idrev=5&idsec=1>

Boletín CDE(UAB) Info

<http://selene.uab.es/ce-documentacio-europea/CDE%20Informacions/llistatesp.htm>

PAPERWEB

<http://www.paperweb.biz/index.php>

info@paperweb.biz

Desarrollo Forestal

Periódico de la forestoindustria

Argentina

<http://www.maderamen.com.ar/forestal/>

Nip Impressions

<http://www.nipimpressions.com/photos/File382.pdf>

PaperMoney®

<http://www.globalpapermoney.org>



REVISTAS DE ACCESO ABIERTO

Maderas: Ciencia y tecnología

Información General

- * ISSN: 0717-3644
- * Periodicidad: Cuatrimestral
- * Inicio: 1998

* Página web de la revista

http://www.scielo.cl/scielo.php?script=sci_issues&pid=0718-221X&lng=es&nrm=iso

Editores

- * Universitat de Barcelona: Departamento de Biología Vegetal (<http://www.ub.es/bio/bioveg.ht...>)

Clasificación

- * Agricultura y alimentación: Jardinería. Forestas
- * Tecnologías: Generalidades

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La Revista de Ciencia y Tecnología (Rev. Cienc. y Tecnol.) publica artículos originales que representan una contribución para el desarrollo científico-tecnológico. Incluye trabajos de investigación básica y aplicada y de desarrollo tecnológico, revisiones bibliográficas de alto impacto, notas técnicas y, eventualmente, estudios de casos que por su relevancia ameriten publicarse. Las áreas de incumbencia de la revista son las ciencias exactas, químicas y naturales con sus correspondientes tecnologías. Los autores interesados en publicar artículos en la Rev. Cienc. y Tecnol., deberán enviar sus trabajos de acuerdo con las normas que se encuentran en la página web. Los idiomas de publicación son castellano e inglés.

<http://www.fceqyn.unam.edu.ar/recyt/>

ACCESO ABIERTO ARGENTINO

Portales brindan acceso a revistas científico-técnicas, tesis, informes de investigación, presentaciones a congresos y demás documentación científica de producción nacional y de acceso abierto que pueden consultarse desde cualquier PC con Internet.

http://www.biblioteca.mincyt.gov.ar/bases_datos_acceso_abierto_arg.php

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Biotechnology for Biofuels is an open access, peer-reviewed online journal featuring high-quality studies describing technological and operational advances in the production of biofuels from biomass.

Biotechnology for Biofuels is currently being tracked by Thomson Reuters (ISI). **Impact Factor: 4.12.**

Editors-in-Chief: Bärbel Hahn-Hägerdal, LTH/Lund University; Michael Himmel, National Renewable Energy Laboratory; Charles Wyman, Bourns College of Engineering

<http://www.biotechnologyforbiofuels.com/>



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SRX Materials Science <http://www.syrex.com/>

CONGRESOS, JORNADAS, OTROS

VI CONGRESO ARGENTINO DE INGENIERÍA QUÍMICA

Mar del Plata - Hotel "13 de Julio" - 26 al 29 de Septiembre de 2010

Aportes de la Ingeniería Química a los Desafíos y Oportunidades del Siglo XXI

Innovación Tecnológica, Desarrollo Sostenible, Energía, Seguridad de Procesos, Educación

<http://www.aaig.org.ar/CAIQ2010/index.php>

Second International Conference on Natural Polymers, Bio-Polymers, Bio-Materials, their Composites, Blends, IPNs, Polyelectrolytes and Gels: Macro to Nano Scales (ICNP – 2010)

September 24, 25 & 26, 2010, Kottayam, Kerala, India

We are delighted to inform you that we are organizing the "Second International Conference on Natural Polymers, Bio-Polymers, Bio-Materials, their Composites, Blends, IPNs, and Gels: Macro to Nano Scales (ICNP – 2010)" on September 24, 25 & 26, 2010, Kottayam, Kerala, India. The last conference on Natural Polymers and Biomaterials in 2007 held in Kottayam, India (ICNP-2007) was a great success.

This conference will be one of the big International meetings exclusively dedicated to Bio-Polymers, Natural Polymers, Bio-Materials their Blends, Composites, IPNs and Gels. The conference will be extremely useful in the sense that it will be attended by hundreds of Chemists, Physicists, Technologists and Engineers, making it a truly interdisciplinary conference. The goal of the conference emphasizes interdisciplinary research on processing, morphology, structure, properties and applications of bio-polymers, natural polymers, bio-materials their blends, composites, nanocomposites, IPNs and Gels from macro to nano scales and their applications in medicine, automotive, civil, chemical, aerospace, computer and marine engineering.

This symposium will bring together a panel of highly-accomplished experts in the field of Natural Polymers and Biomaterials. Talks will encompass basic studies and applications and will address topics of novel issues. During the three-day conference, we will listen to recognized authorities in the field as they discuss recent advances, difficulties, and breakthroughs in the field of Natural Polymers and Biomaterials. The conference will feature keynote addresses, a number of plenary sessions, invited talks and contributed lectures focusing on specific tenets of Natural Polymers and Biomaterials. Additionally, there will be several poster sessions, and four best poster presentations will be selected for the award.

Sabu Thomas (India), Yang Weimin (China) and Sebastian Mathew (Austria)

--

Prof.Dr.Sabu Thomas Ph.D, FRSC

Conference Secretary and Hon Director

Institute of Macromolecular Science and Engineering (IMSE)

Chathukulam Buildings

Parumbaikadu P.O

Kottayam, Kerala, India, 686028



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Conference E-mail: naturalpolymers@macromol.in, biopolymers@macromol.in.

2010 TAPPI International Conference on Nanotechnology for the Forest Products Industry

27 – 29 September 2010, Espoo, Finland

Technical Advances and Applications in Nanotech Products

This annual, internationally recognized event brings together leading researchers, industry experts, government representatives, and other stakeholders to share advances and perspectives on nanotechnology-based products for the forest products and related industries.

To leverage research advances and offer participants new opportunities for knowledge sharing, the 2010 Technical Program Committee invites contributions from participants working with nano-enabled bio-materials, products, and their processing. Analysis of challenges and trends in emerging markets for forest products that are based on nanotechnology are sought to provide a foundation for new research and industrial activities.

http://www.tappi.org/content/events/10nano/Call_For_Papers.pdf?tapmkt=EV10Nano103042010

IAWA Symposium, X Congreso Latinoamericano de Botánica

La Serena, Chile - 4 al 10 de octubre del 2010

Dear all:

We have the pleasure to invite all of you to participate in the IAWA (International Association of Wood Anatomists) Symposium "New Perspectives in the Wood and Bark Anatomical Studies", organized by the IAWA Pan-American Regional Group, in the frame of the X Congreso Latinoamericano de Botánica to be held in La Serena, Chile, between 4 and 10 October 2010.

Please, feel free to contact the coordinators of this IAWA Symposium or any of the Congress organizers, particularly Luty Arriagada Nuñez albchile2010@ceaza.cl about your interests and queries. We will be grateful for a broad spread of this information.

Sincerely, Fidel Roig froig@lab.cricyt.edu.ar

& Teresa Terrazas terrazas@ibiologia.unam.mx

ABTCP-TAPPI 2010

43º CONGRESSO E EXPOSIÇÃO INTERNACIONAL DE CELULOSE E PAPEL

4 a 6 de outubro, Transamérica Expo Center - São Paulo

Passada a tempestade causada pela crise econômica mundial, o setor de papel e celulose no Brasil atesta sua força e já registra crescimento. É para discutir esse cenário e apresentar as tendências que vão nortear o setor nos próximos anos que a ABTCP – Associação Brasileira Técnica de Papel e Celulose realiza o 43º Congresso e Exposição Internacional de Celulose e Papel, em outubro, no Transamérica ExpoCenter. Segundo levantamento realizado junto à BRACELPA – Associação Brasileira de Celulose e Papel, houve um aumento de quase 10% na produção no primeiro bimestre de 2010, em comparação ao mesmo período do ano anterior. Entre janeiro e fevereiro foram produzidas mais de 3,8 mil toneladas de papel e celulose no País, sendo que 40% desse total se destinaram ao mercado externo.

Mais prestigiado e representativo evento do setor na América Latina, o Congresso e Exposição da ABTCP em 2010 contará este ano com a parceria da TAPPI, associação congênera norte-americana que reúne fabricantes de papel e celulose de todo o mundo, além de indústrias transformadoras e de embalagens.

Sustentabilidade: tema central do 43o Congresso

Enquanto o Brasil consolida-se como grande produtor e exportador de celulose e a indústria papeleira mantém níveis sustentáveis de crescimento, a participação no 43o Congresso configura-se como uma importante oportunidade de interação e atualização tecnológica para os profissionais do setor.

Participe deste fórum! É uma oportunidade única de fazer intercâmbio com os mais de 600 especialistas e técnicos de renome internacional.

<http://www.abtcp-tappi2010.org.br/>

ABTCP – ASSOCIAÇÃO BRASILEIRA TÉCNICA DE CELULOSE E PAPEL
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www.abtcp.org.br

XXIV JORNADAS FORESTALES DE ENTRE RIOS

Concordia, 28 y 29 de OCTUBRE 2010

Jornadas Iberoamericanas sobre “Optimización Energética y Ecológica de la Agroindustria de la Caña de Azúcar”

Centro de Formación de Cooperación Española de Santa Cruz de la Sierra (BOLIVIA)

25 al 29 de octubre de 2010

El Programa Iberoamericano de Ciencia y Tecnología para el Desarrollo (CYTED) y La Agencia Española de Cooperación Internacional para el Desarrollo (AECID) invitan a la CONVOCATORIA para las JORNADAS IBEROAMERICANAS SOBRE “OPTIMIZACIÓN ENERGÉTICA Y ECOLÓGICA DE LA AGROINDUSTRIA DE LA CAÑA DE AZÚCAR” que se celebrarán del 25 al 29 de octubre de 2010 en el Centro de Formación de Cooperación Española de Santa Cruz de la Sierra (BOLIVIA)

OBJETIVOS: El objetivo principal de la Jornada es formar de manera especializada y capacitar técnicamente a los recursos humanos de las instituciones públicas de I+D+i de los países de Iberoamérica, en el marco de las líneas prioritarias del Programa CYTED y de las prioridades horizontales del Plan Director de la Cooperación Española y de sus Prioridades Sectoriales, con el fin de contribuir a modernizar y fortalecer a los sistemas públicos de I+D.

PERFIL PARTICIPANTES:

Personas con responsabilidades en actividades de I+D+i en instituciones públicas y privadas.

Profesores, investigadores y profesionales vinculados con la **producción de azúcar, bioetanol y electricidad** a partir de la caña de azúcar.

INSCRIPCIÓN

Los candidatos deberán inscribirse on-line, a través de la siguiente página: www.aecid-cf.bo. Una vez que verifique toda la información relacionada a la actividad, seleccionar en la barra superior: DOCUMENTOS

Más información:

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2010 TAPPI Advanced Coating Fundamentals Symposium

10/11/2010 to 10/13/2010

Munich, Germany

Energized by the successful gathering in Montreal, Quebec in June 2008, the 11th edition of the Advanced Coating Symposium will take place in Munich, Germany.

Attendees with a passion for the scientific advancement of paper coating technology have benefited greatly from previous meetings. Said attendees are most often scientific researchers, such as university professors and graduate students, as well as product development and technical service professionals from the commercial sector, with interests spanning the categories of papermakers, consultants, converters, suppliers (equipment, pigments, additives, and inks), and printing and graphic arts specialists.

One primary benefit of attendance would be the personal connection to industry professionals and their extensive knowledge and experience in the varied fields of paper coatings technology. Although basic information may be attained online, there is no substitute for direct, personal dialogue with the experts of the field. That is what TAPPI delivers.

If your scientific interests lie in the fields of coatings (barrier, bioactive, fundamentals), converting, ink structures / interactions with coatings and/or mathematical / computational modeling methods, then the TAPPI Advanced Coating Symposium should prove a most beneficial forum for you indeed.

Contact: memberconnection@tappi.org



**XXI Encuentro Nacional TECNICELPA
VI Congreso Iberoamericano de Investigación en Celulosa y Papel - CIADICYP 2010
12 - 15 de Octubre de 2010 - Lisboa – Portugal**

En una organización conjunta de TECNICELPA (Associação Portuguesa dos Técnicos das Indústrias de Celulose e Papel) y de la RIADICYP (Red Iberoamericana de Investigación en Celulosa y Papel) el XXI Encuentro Nacional TECNICELPA / VI Congreso Iberoamericano de Investigación en Celulosa y Papel - CIADICYP 2010 tendrá lugar entre los días 12 y 15 de octubre de 2010, en el Centro de Reuniones de la Feira Industrial de Lisboa (FIL, Parque das Nações), Portugal.

Cada una de estas entidades (TECNICELPA y RIADICYP) tienen sus respectivas reuniones regulares cada dos años, aproximadamente, en diferentes ciudades de Portugal y de los países Ibero-Americanos, respectivamente. TECNICELPA y RIADICYP han decidido ahora conjugar esfuerzos y organizar juntos el próximo evento para aumentar el interés por la iniciativa y conseguir una alta participación: Investigadores, Productores, Técnicos y Suministradores de todo el mundo que trabajen en el área Forestal y de Pasta y Papel.

En unos momentos de profundas transformaciones y dificultades a escala global también las industrias del sector forestal, incluyendo las de pasta y papel, atraviesan momentos de gran incertidumbre y hacen frente a enormes desafíos. Esta realidad requiere planteamientos distintos de los actuales y cambios profundos en múltiples vertientes, inclusive en los ámbitos científicos y tecnológicos. En este contexto el XXI Encuentro Nacional TECNICELPA / VI Congreso Iberoamericano de Investigación en Celulosa y Papel - CIADICYP 2010 discurrirá sobre el tema de fondo:

Nuevos Paradigmas en la Industria de Pasta y de Papel

Abordando los siguientes tópicos específicos:

- Bosques
- Materias primas
- Producción de Pasta
- Producción de Papel
- Transformación e Impresión
- Química de la Pasta y del Papel
- Energía y Medio Ambiente
- Biotecnología y Biorrefinería

Otros asuntos relacionados, como Reciclaje o Experiencias Industriales, serán incluidos en los diferentes tópicos principales arriba mencionados de acuerdo con el contenido.

El evento tiene como idiomas oficiales el inglés, el portugués y el español y el Programa general incluye conferencias plenarias invitadas, presentaciones orales y en póster y una visita técnica. Además de una Recepción de Bienvenida y de una Cena de Gala, está también previsto un atractivo Programa Social para que los acompañantes disfruten de momentos inolvidables en una de las más bellas capitales de Europa.

El mejor trabajo y el mejor poster serán premiados simbólicamente. Adicionalmente, y como ya es tradición en los Encuentros TECNICELPA, se mantiene el "Premio TECNICELPA" creado para estimular la producción de trabajos técnico-científicos desarrollados en Portugal (Empresas, Universidades o Institutos de Investigación) por autores portugueses o extranjeros que desarrollen su actividad en las áreas Forestales, Pastera o Papelera.

En nombre de la Comisión Organizadora del XXI Encuentro Nacional TECNICELPA / VI CIADICYP 2010 tenemos el honor de invitar a participar en el evento a todos los Investigadores, Productores, Técnicos y Suministradores que, directa o indirectamente, estén relacionados con el sector Forestal y de Pasta y Papel. Los Autores de trabajos, los Expositores y los Patrocinadores tienen una sección dedicada en esta página web.

Es sin duda un evento para no perderse, por la relevancia de las conferencias, y que incluirá la participación de investigadores de prestigio de Europa y de América del Sur y del Norte, así como de importantes empresas del sector. Contemplará además la visita a una de las mayores y más modernas fábricas del mundo de papeles de impresión/escritura no estucados; la nueva fábrica de papel del Grupo Portucel-Soporcel, en Setúbal.

Agradecemos anticipadamente la cooperación de todos para hacer de esta conferencia un evento técnico y científico fructífero y agradable y deseamos contamos con su presencia en Lisboa, en 2010.

Reciban un cordial saludo,

Cidália Torre Abreu, Presidenta del XXI Encuentro Nacional da TECNICELPA

Paulo Ferreira, Presidente del VI CIADICYP 2010

Organizadores:

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Red Iberoamericana de Docencia e Investigación en Celulosa y Papel

<http://www.riadicyp.org.ar/>

TAPPI's PEERS Conference **October 17-20, 2010 in Norfolk, Virginia USA**

Formerly known as TAPPI Engineering, Pulping and Environmental Conference, TAPPI PEERS is redesigned to answer the most pressing business and technical questions faced by pulp and paper companies as they manage raw materials, assets, regulatory requirements and production assets.

PEERS Stands for:

- Pulping
- Engineering
- Environmental
- Recycling
- Sustainability

With several focused tracks and more than 50 sessions, PEERS offers peer reviewed papers, expert speakers, exclusive networking opportunities and new technologies that can help mills optimize operations.

The following topics will be covered:

- Business Trends (Sponsored by the PIMA Management Division of TAPPI)
- Energy, Power & Recovery
- Biorefinery
- Corrosion and Materials
- Practical Mill Engineering
- Pulping and Bleaching
- Recycling (The 9th Research Forum on Recycling)
- Environmental

*Note: This year the conference will be held in conjunction with the 9th Research Forum on Recycling. One registration will gain you access to both the PEERS and Research Forum programs.

http://www.tappipeers.org/peers_overview.asp

III CONGRESO INTERNACIONAL DE SALICACEAS EN ARGENTINA

Ciudad de Neuquén

16 y 19 de marzo de 2011.

www.jornadasalicaceas.com

BioPro Expo™

March 14-16, 2011, Atlanta Hilton, Atlanta, Georgia

BioPro Expo is the largest conference and exhibition in the Southeastern US covering the full biomass processing spectrum for multiple industries, from supply through demand and utilization. In-depth educational sessions are backed by a tradeshow focused on cutting-edge technology, products and services available TODAY. This event explores practical ways for quickly transitioning products, residues and waste streams to energy and biofuel.

BioPro Expo is organized by TAPPI, the leading association in the paper and related industries. TAPPI brings members with decades of experience in producing and utilizing bioenergy with wood waste feedstocks, as well as a strong history of more than 75 years in organizing key industry educational programs, conferences and exhibits. BioPro expo combines TAPPI's expertise in wood waste feed stocks and conference organization with information from government and academic entities, technology suppliers, renewable energy consumers and associations in multiple industries looking for more sustainable and profitable ways of doing business.

As recent headlines have emphasized, safe and renewable fuel sources are the direction of the future -- with awareness and incentives for clean energy increasing on a daily basis.



Riadicyp

To reflect the latest regulatory and technical developments in sustainable energy production, TAPPI is moving BioPro Expo™ to March 14-16, 2011 and it will be held at the downtown Atlanta Hilton. This move enhances BioPro Expo's mission to bring attendees critical information to immediately capitalize on the growing market momentum for renewables.

Look for more details on this event in the coming weeks. You can always find the most current information at the BioPro Expo website.

<http://www.bioproexpo.org/>

World Renewable Energy Congress 2011 - WREC 2011

Linköping University will host in Sweden during May 8-13, 2011

The World Renewable Energy Congress (WREC) is an international scientific conference that provides an excellent opportunity for discussion and knowledge exchange for scientists, policy-makers, engineers and other specialists with an interest in issues related to renewable energy.

WREC 2011 will take place in Linköping, Sweden during May 8-13, 2011. The Congress is hosted by Linköping University in close cooperation with the World Renewable Energy Congress/Network.

Based on the theme "Future Trends and Applications in Renewable Energy Technologies and Sustainable Development", WREC 2011 will cover a wide range of topics related to renewable energy technology, energy efficiency, climate change and sustainable energy systems. During WREC 2011 presentations on cutting-edge research and keynote lectures by international experts will be complemented by workshops on central subjects, as well as an international exhibition and a poster display. Authors are invited to contribute original papers related to the topics covered by the Congress.

This homepage will be updated continuously during the time preceding the date of the Congress. If you want to stay informed about WREC 2011 you can preregister here to stay up to date on the latest news when available.

<http://www.wrec2011.com/>

Eventos ABTCP

Calendario de eventos

<http://www.abtcp.org.br/Pagina.aspx?IdSecao=106,107>

ABTCP – ASSOCIAÇÃO BRASILEIRA TÉCNICA DE CELULOSE E PAPEL

Rua Zequinha de Abreu, 27 – Pacaembu – 01250-050 - São Paulo/SP

Tel: (11) 3874-2700 / Fax: (11) 3874-2730

www.abtcp.org.br

Eventos TAPPI

What follows below and at the end of this line is a link to an updated TAPPI Calendar of Events:

<http://www.tappi.org/content/events/CalendarofEvents.pdf>

Boletines de la RIADICYP

http://www.riadicyp.org.ar//index.php?option=com_content&task=blogcategory&id=6&Itemid=11

El cierre de la edición de los boletines mensuales se realiza el día 5 de cada mes, por lo cual se publica la información recibida hasta esa fecha. Si desea publicar información en este boletín, envíela en formato word a: cristinaarea@gmail.com; m_c_area@fceqyn.unam.edu.ar

Encuentre más información en la página web de la Red Iberoamericana de Docencia e Investigación en Celulosa y Papel (RIADICYP): <http://www.riadicyp.org.ar>

Si desea recibir este boletín, suscribase como usuario en <http://www.riadicyp.org.ar>

Ud. recibe este boletín porque pensamos que es de su interés.

Si no desea seguir recibiendo, responda con el subject o asunto "SACAR DE LISTA".

SI BORRA EL MENSAJE SIN LEER SE LO SACA AUTOMÁTICAMENTE DE LA LISTA

Red Iberoamericana de Docencia e Investigación en Celulosa y Papel

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