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Boletín Informativo
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Red Iberoamericana
de Docencia e Investigación
en Celulosa y Papel



Boletín N° 76 - Mayo 2010

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NOTICIAS DE LA RIADICYP

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

Sesiones Plenarias Invitadas (Títulos preliminares):

- **"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)"**

Doctor Thomas E. Amidon, Profesor y Director del ESPRI (Empire State Research Institute) Department of Paper and Bioprocess Engineering, Syracuse, New York, USA

<http://www.esf.edu/pbe/people/amidon.htm>

- **"New Challenges for Research and Development in the Pulp and Paper Industry"**

Doctor Pedro Fardim, Profesor y Director de Laboratorio, Laboratory of Fibre and Cellulose Technology, Abo Akademi University, Abo- Finland

http://web.abo.fi/fak/tkf/tra/personal/pedro_fardim_eng.shtml

Presentaciones invitadas (keynote lectures):

- **"Progress in Paper Machinery"**

Eng. Herbert Holik

- **"Papel: Nuevas Funcionalidades para el Futuro"**

Profesor António Câmara, CEO, YDreams

<http://www.ydreams.com/#/pt/aboutus/team/managementteam/antoniocamara/>

Doctora Inês Henriques, Vice-Presidente para la Investigación e Desenvolvimento, YDreams Interactive Surfaces

www.ydreams.com/#/pt/aboutus/team/managementteam/ineshenriquesmtm/



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- Total number of papers approved: 184
- Total number of posters: 114
- Total number of oral communications: 70

A general description of the Program and all the information about registration and fees are available from the conference website <http://www.tecnicelpa.com/ciadicyp/2010>

ATTENTION:

Deadline for early bird registration: 15 July, 2010

https://www.tecnicelpa.com/forms/encontros_registro.php?lang=UK

Looking forward to seeing you in Lisbon in October!

Sincerely yours,

The Organizing Committee

(You are kindly asked to spread this information in your company / institution / organization and among all your colleagues.)

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.

Libro

Panorama de la Industria de Celulosa y Papel en Iberoamérica 2008 Editado por la RIADICYP

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

Ya pueden descargar las páginas previas y la introducción en:

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

En junio estará disponible el capítulo 1: "Materias primas"

NOTICIAS DE LA RIARREC

Red Iberoamericana para la revalorización del reciclado celulósico

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

SE ENCUENTRAN DISPONIBLES EN LA PÁGINA DE LA RIADICYP todos los trabajos presentados y conferencias magistrales del "Simposio Internacional sobre Investigación y Tecnología del Reciclado Papelero" realizado en San Paulo, Brasil, el 29 de octubre de 2009.

CONVOCATORIAS - COOPERACIÓN - CURSOS – BECAS

COOPERACIÓN BILATERAL ARGENTINA-CUBA

Calendario de Convocatorias de los Programas de Cooperación Bilateral de Ciencia y Tecnología

Cuba – CITMA: Fecha de la Convocatoria: **01/04/2010 al 30/06/2010**

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



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PICT BICENTENARIO ÁREA GENÓMICA ARGENTINA- ESPAÑA

Los proyectos PICT Bicentenario Genómica se encuadran en el marco general del Programa de Cooperación entre la Agencia Nacional de Promoción Científica y Tecnológica, a través del FONCYT; la Dirección Nacional de Relaciones Internacionales del Ministerio de Ciencia, Tecnología e Innovación Productiva; y la Dirección General de Cooperación Internacional y Relaciones Institucionales del Ministerio de Ciencia e Innovación (MICIIN) del Reino de España. Su fundamento es apoyar proyectos de investigación científica y tecnológica en el área de genómica con el fin de complementar esfuerzos de las instituciones, centros y universidades que realizan investigación a nivel nacional proporcionando apoyo financiero para desarrollar proyectos conjuntos.

La convocatoria estará abierta entre el **13 de marzo y el 31 de mayo de 2010**.

Para consultas puede comunicarse a los teléfonos (0054) 11 4891-8300 / 8304 o a la dirección de correo electrónico pictbicentenario@mincyt.gov.ar

ABEST – UE

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

Les informamos que se han abierto las Convocatorias 2010 del 7mo Programa Marco de Investigación y Desarrollo de la Unión Europea (2007-2013).

Para conocer las convocatorias abiertas, deberán ingresar al siguiente link:

<http://www.abest.mincyt.gov.ar/es/statusCalls.php>

También están disponibles los Programas de trabajo:

<http://www.abest.mincyt.gov.ar/es/infodocs.php>

AECID

Becas de capacitación. Curso Internacional

Planificación y Gestión Sostenible de los Recursos Ambientales y Naturales

Centro de Formación Cartagena de Indias, Colombia

Duración: del 17 al 27 de agosto de 2010

Fecha límite de inscripción: 2 de julio de 2010

Lugar: Centro Cartagena de Indias: Plaza de Santo Domingo No. Carrera 36 No. 2-74, Colombia. Tel.:(57-5) 6640904. Fax: (57-5)6643159. E-mail: seminarioscf@aecidcf.org.co

La Agencia Española de Cooperación Internacional para el Desarrollo (AECID) otorga becas parciales que incluyen: alojamiento, manutención y traslados internos.

Más información y solicitud de inscripción: www.aecidcf.org.co

CENTRO ARGENTINO BRASILEÑO DE BIOTECNOLOGÍA CURSOS 2010

Más información: www.mincyt.gov.ar / Cooperación Internacional / CABBIO

http://www.mincyt.gov.ar/coopinter_archivos/cabbio/cursos_2010.pdf

CURSO DE TECNOLOGÍA Y CARACTERIZACIÓN DE LA MADERA

Montevideo - República Oriental del Uruguay

5 al 9 de julio de 2010.

Montevideo (Uruguay). Curso de Formación de Formadores INIA-AECI. Curso de Tecnología y caracterización de la Madera. Forestal CIFOR-INIA (Madrid-España)



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Destinatarios: El curso va destinado a titulados superiores con experiencia en el tema, que ejercen su actividad en centros de investigación, centros tecnológicos o universidades en los países centro y sudamericanos.

Objetivo : El objetivo principal de los mismos es la actualización de los conocimientos de los participantes, el aprendizaje de técnicas de investigación y sus aplicaciones.

Dirección: Dra. Eva Hermoso Prieto.

Lugar de realización del curso: Centro de Formación de la Cooperación Española en Montevideo (Uruguay)

Fecha: 5 al 9 de julio de 2010

El plazo de inscripción comienza el 28 de marzo de 2010

Cierre de inscripción: **6 de mayo** de 2010.

Coordinación Ángeles Navarrete: nvarela@inia.es

www.inia.es

<http://www.inia.es/inia/contenidos/formacion/index.jsp?idcategoria=1849>

www.aeci.es (apoyos)

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
Metodología de la Investigación- Mód. 2 Estadística (20horas: 2 créditos)	Dra. M. Cristina Area	28-29/05/10 04/06/10
Metodología de la Investigación- Mód. 3 Diseños experimentales (20horas: 2 créditos)	Dra. M. Cristina Area	18-19/06/10 25/06/10
Gestión rentable de procesos (40horas: 4 créditos)	Dr. Fernando Felissia	01-02/10/10 08-09/10/10

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/>

Hands-On Workshop for Pulp and Paper Basics

June 7-11, 2010

North Carolina State University, Raleigh, NC

Gain an excellent overview of pulp and paper basics and increase your understanding of manufacturing processes through hands-on laboratory exercises.

This workshop balances lectures with labs, which will help you acquire an easy-to-learn and lasting introduction to pulp and paper technology, operations and markets.

Learn more about the course and register to attend.

- Gain invaluable knowledge of the pulping and papermaking industry from start to finish
- Learn how different processes affect paper properties
- Perform hands-on lab experiments
- Run a pilot plant paper machine
- Benefit from small-group interaction with pulp and paper professors

Download the complete course brochure.

<http://tappi.informz.net/z/cjUucD9taT03MzcwNzcmcD0xJnU9MTAxNzcyODA4NiZsaT0yODE2NTI0/index.html>

This introductory-level course is ideal for those performing technical and non-technical positions, and especially for new process engineers, manufacturing operators and technicians, sales and service



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personnel, machine operators, and maintenance personnel -- everyone who wants a better understanding of the pulp and paper business.

Premios Iberoamericanos a la Innovación y el Emprendimiento

La Secretaría General Iberoamericana, SEGIB, con sede en Madrid, España, convoca a los jóvenes de Iberoamérica a postular a los Premios Iberoamericanos a la Innovación y el Emprendimiento.

El premio está dirigido a proyectos y empresas liderados mayormente por jóvenes menores de 35 años y únicamente podrán participar aquellas iniciativas que hayan sido ganadoras o finalistas en concursos nacionales de emprendimiento y/o innovación con los que la SEGIB haya suscrito acuerdos. Los postulantes deberán ser presentados y seleccionados por socios nacionales con los que la SEGIB tiene firmados acuerdos de colaboración, cada uno de los cuales podrá incluir hasta cuatro postulaciones seleccionados de entre los ganadores y finalistas de la edición más reciente de sus respectivos concursos o premios.

La Secretaria General Iberoamericana ha suscrito acuerdos con las instituciones responsables de los premios que se enumeran a continuación.

- Argentina: Ministerio de Ciencia, Tecnología e Innovación Productiva, concurso Innovar
- Brasil: Banco Santander (Brasil), S.A., Prêmios Santander de Empreendedorismo e de Ciência e Inovação
- Chile: Premio Banco Santander Chile, Visión Emprendedora 100K Santander Universidades
- Colombia: Corporación Ventures, Premios Ventures
- España: Fundación Everis, Premio Emprendedores
- México: Ministerio de Economía, Premio Nacional de Tecnología
- Perú: Consejo Nacional de Ciencia, Tecnología e Innovación Tecnológica, Premio Nacional SINACYT a la Innovación

Los Premios Iberoamericanos a la Innovación y el Emprendimiento se otorgan en dos categorías: "Proyectos" y "Empresas en Marcha". En ambos casos pueden postularse en los temas de Tecnología, Productos y Servicios, Procesos de Gestión y Emprendimientos Sociales y Ambientales. Se otorgarán un total de hasta cuatro premios por un monto total de 100.000 euros .Adicionalmente, los premios podrán incluir aportaciones en especie a favor de los ganadores y que serán donadas por los socios patrocinadores. A título enunciativo y no limitativo se citan como ejemplo de aportaciones en especie; el asesoramiento, la formación, la participación o colaboración en el proyecto.

La SEGIB y la Fundación everis han suscrito un acuerdo por el cual esta última apoyara el desarrollo y la implementación de los proyectos y/o empresas que resulten premiados.

Las postulaciones deberán presentarse antes **del 30 de junio de 2010** y los ganadores se anunciarán en septiembre. Los premios serán entregados en la XX Cumbre de Iberoamericana de Jefes de Estado y de Gobierno, que se celebrará en Mar del Plata, Argentina, los días 11 y 12 de Noviembre 2010.

Más información:

www.premiosiberoamericanos.org

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

AFCP NOTICIAS

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

Uruguay quiere que el Mercosur firme un protocolo ambiental

A partir de la recomendación que realizó la Corte Internacional de La Haya al disponer la realización de un control conjunto de la costa sobre la que está ubicada la pastera UPM (ex Botnia), Uruguay planteará que se analice a escala del Mercosur la creación de un protocolo ambiental para el control de las aguas comunes entre los países.

Según fuentes de ese gobierno, la idea es comenzar con la Argentina en la confección de un documento conjunto en el que consten los criterios que deberán emplear ambos países para el monitoreo conjunto del



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río Uruguay. La propuesta supondrá la creación de un nuevo instructivo de normas ambientales que sirvan para evitar la contaminación de toda la región, explicó una de las fuentes.

Con el nuevo protocolo, Uruguay pretende que se genere una adhesión única de las últimas normas medioambientales exigidas por los estatutos internacionales para generar criterios únicos e igualitarios en todos los países del Mercosur. Según el gobierno uruguayo, la unificación de los criterios en la región permitiría "mayor seriedad y certeza jurídica" hacia los inversores extranjeros, además de "brindar garantías para la población en general".

Fuentes: Ultimas Noticias y Más Producción.

NOTICIAS DE: DESARROLLO FORESTAL, Mercados y Noticias

dfediciones@maderamen.com.ar

Fallo de La Haya: Botnia no contamina y Uruguay violó el tratado binacional

La Corte Internacional de Justicia de La Haya (CIJ) estableció en el fallo leído el 20 de abril que Uruguay incumplió disposiciones internacionales al autorizar la instalación de las plantas celulósicas Botnia y ENCE – proyecto hoy estancado- y de un puerto en la ciudad de Fray Bentos. Pero también indicó que no tenía elementos para expedirse sobre la contaminación sonora, visual y de las aguas que también denunció la Argentina, en la zona en la que funciona Botnia. Por tanto, "no hay motivos" para ordenar el desmantelamiento de la planta. Argentina y Uruguay deberán realizar un monitoreo conjunto obligatorio del río.

Más información en www.maderamen.com.ar

Presentaron en IRAM el Sistema Argentino de Certificación Forestal

La Asociación Forestal Argentina (AFoA), la Asociación de Fabricantes de Celulosa y Papel (AFCP), la Federación Argentina de la Industria Maderera y Afines, el Organismo Argentino de Acreditación y el Instituto Argentino de Normalización (IRAM) presentarán mañana el Sistema Argentino de Certificación Forestal (CerFoAr).

Más información en www.maderamen.com.ar

Encuesta exclusiva: especialistas sectoriales analizan el fallo de La Haya

Desarrollo Forestal RN presenta un informe exclusivo sobre el fallo de la Corte Internacional de Justicia de La Haya que determinó, el 20 de abril, que UPM -ex Botnia- "violó el tratado binacional", pero "no contamina". Se acercaron tres preguntas básicas a múltiples actores del sector. Opinaron especialistas del sector público y privado, instituciones, ambientalistas y consultores.

Más información en www.maderamen.com.ar

NOVEDADES FORESTALES INTA CONCORDIA

novedadesforestales@concordia.com.ar

28 y 29 de Octubre. Concordia. XXIV JORNADAS FORESTALES DE ENTRE RIOS. Organizan INTA Concordia y Asociación de Ingenieros Agrónomos del NE de Entre Ríos AINER. Temáticas: Mejoramiento - Silvicultura - Ambiente - Industria - Economía - Política- Sesiones de posters- Visita a campo. Se encuentra abierto el envío de resúmenes de posters hasta el 31 de agosto de 2010. Interesados contactar a Ing. María del Ángeles García, o visitar la web www.inta.gov.ar/concordia informes : jornadasforestales@correo.inta.gov.ar

PAINEL FLORESTAL

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

Gestão ambiental: discussão requeitada, muitas fornadas de prejuízos....



Texto de Paula Bernasconi

Imagine um país que é famoso por ter uma das mais rígidas legislações de proteção ao meio ambiente. Que possui a maior área de floresta tropical no mundo. Que em sua Constituição Federal limita o abuso do direito de propriedade determinando a função social e ambiental da propriedade. Que é o maior produtor agropecuário do mundo. Que vem implantando um processo de descentralização da gestão florestal para melhorar a governança sobre os recursos naturais, empoderando estados, municípios e sociedade civil a participarem dessa gestão. Uau, tudo deveria ir muito bem, certo?

Infelizmente sabemos que o Brasil não vai muito bem nesse aspecto. Toda a discussão recente sobre as propostas de alteração no Código Florestal tem tido efeitos que lembram aquela história do efeito de uma borboleta batendo asas. Algumas palavrinhas irresponsavelmente ditas no Senado, outras no Congresso, chegam aos rincões do interior do país como bombas.

Num país onde está em curso a descentralização da gestão ambiental e florestal, os estados estão implementando seus zoneamentos sócio-econômico-ecológicos, suas políticas de regularização ambiental, seus códigos estaduais e municipais de meio ambiente, municípios pleiteando o licenciamento de empreendimentos de baixo impacto, essa discussão sobre o código florestal que é bem mal requeitada não deveria influenciar muito o andamento da grande máquina e do dia a dia da população. Mas influencia.

É surpreendente o poder de desarticulação que a possibilidade, repito, somente a possibilidade de alteração nas porcentagens de reserva legal causa, principalmente na Amazônia Legal, onde historicamente existe um grande debate entre 50% e 80%....

(continúa)

O Brasil é a maior potência ambiental do Planeta!

Entrevista com Mário Mantovani, diretor de Políticas Públicas da Fundação SOS Mata Atlântica

Mário Mantovani: Saímos de um país totalmente dependente, de quarto mundo, para essa potência ambiental. Nós adentramos um patamar de civilidade que até então não tínhamos"

Apaixonado pelas causas ambientais, o geógrafo Mário Mantovani não mede palavras ao expressar suas opiniões, mas revela otimismo em relação ao Brasil

Quais são as principais ameaças nas propostas de mudança do Código Florestal?

Primeiro percebemos que não está sendo discutido o Código Florestal, mas o Código Ambiental. Nas premissas, eles colocam o resgate da competência, que há dez anos estava sendo discutido; a distribuição dos ônus ambientais para a própria sociedade, como se pode falar que por ter reserva legal é preciso receber por ela? Já tem a função social da terra, a terra não é minha, é do Brasil; adoção de parâmetros técnico-científicos, com apenas um parecer da Embrapa. Aí colocam revisão da Política Nacional de Meio Ambiente, que não tem nada a ver com o Código Florestal; mudança no Conselho Nacional de Meio Ambiente e todas as maldades que eles conseguem colocar, por exemplo: revisar regras relativas a APPs ou diminuir áreas de beira de rio, como fizeram no Código de Santa Catarina. Na realidade, eles estão em cima de uma questão pertinente, isso é importante, que nós já vínhamos fazendo, com grandes avanços. Já tínhamos quase acertada a questão da reserva legal com o governo, com o produtor, com o ambientalista, com os movimentos sociais; e a gente se deparou com essa proposta, que é um contrabando criando uma comissão especial com a CNA (Confederação Nacional da Agricultura). Tentando legitimar com muito mais força e impacto, fizeram grandes eventos. A SOS se insurgiu e fez a campanha "Exterminadores do Futuro", que é esse retorno no passado para destruir o futuro e as conquistas que estavam lá previstas na Constituição. O Código Florestal disparou um processo de alerta da sociedade contra esse tipo de agressão. Mas não é ele que está em discussão....

(continúa)

Indicadores de sustentabilidade

Artigo de José Eli da Veiga

RESUMO

Esta descrição retrospectiva de um debate científico com quase 40 anos mostra a necessidade de uma trinca de novos indicadores de sustentabilidade capaz de avaliar simultaneamente resiliência ecossistêmica, qualidade de vida e desempenho econômico.

Introdução



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EMBORA CAPEIEM debates sobre a noção de sustentabilidade em quase todas as áreas do conhecimento, eles obrigatoriamente têm suas raízes nas reflexões de duas disciplinas consideradas científicas: ecologia e economia.

Na primeira, não demorou a surgir oposição à inocente ideia de que a sustentabilidade ecossistêmica corresponderia a um suposto "equilíbrio". Controvérsia que com ainda mais rapidez desembocou em solução de compromisso, com a ascensão do conceito de resiliência: a capacidade que tem um sistema de enfrentar distúrbios mantendo suas funções e estrutura. Isto é, sua habilidade de absorver choques, a eles se adequar, e mesmo deles tirar benefícios, por adaptação e reorganização. Um ecossistema se sustenta se continuar resiliente, por mais distante que esteja do equilíbrio imaginário.

Foi essa convergência teórica que levou à comparação entre a biocapacidade de um território e as pressões a que são submetidos seus ecossistemas pelo aumento do consumo de energia e matéria por sociedades humanas e suas decorrentes poluições. Comparação que dá base à Pegada Ecológica como indicador de tão fácil compreensão que se torna cada vez mais popular.

Nada parecido ocorreu no âmbito da economia, no qual só pioram as divergências entre três concepções bem diferentes. Para começar, a conhecida colisão entre sustentabilidade "fraca" e "forte". A primeira é a que toma como condição necessária e suficiente a regrinha de que cada geração legue à seguinte o somatório de três tipos de capital que considera inteiramente intercambiáveis ou intersubstituíveis: o propriamente dito, o natural/ecológico e o humano/social. Na contramão, está a sustentabilidade "forte" que destaca a obrigatoriedade de que pelo menos os serviços do "capital natural" sejam mantidos constantes.

... (continúa)

PaperMoney®

<http://www.globalpapermoney.org>

2010 Light Green Machine (TM) Proceedings on CD

Conference and Workshop were held May 1, 2010 in Atlanta

By: James R. Thompson, Executive Editor

This past Saturday, we held the first Light Green Machine™ Conference and Workshop here in Atlanta. It was a great success. Attendees represented some of the largest pulp and paper companies in the world in several grades.

One of the concepts introduced at this conference was the "Basic Machine Index™" or "BMI." The BMI is a new, dimensionless way to calculate the efficiency of your facility. The equation is as follows: BMI = (Total Papermachine Facility Weight in metric tons) divided by (Total Facility Prime Salable Average Daily Production in metric tons)

Details of the components are outlined in the document LGM2010.01.01, "BMI Design Practice."

The BMI achieves several objectives older methods of machine comparison do not. As stated at the conference, the BMI is a method of comparison that

- does not involve capital costs,
- does not involve financial terms such as depreciation
- does not involve exchange rates, and
- does not involve age.

and rewards demolition and removal of obsolete equipment.

Yet, at the same time, it measures all these matters and reduces them to a simple dimensionless number. For in the BMI one will see efficiency (lighter machines relative to production have a lower BMI) and costs, for every component in the weight of a machine costs money to buy, money to install, and money to maintain. The age of the machine shows up, too, for an older, less efficient machine will have a higher BMI than a more modern one.

At last we have a way to reduce machines within grades to one number for comparison purposes.

You can purchase the entire proceedings from the conference by going to

<http://tinyurl.com/2010LGMPceedings> to register.

Some Thoughts on the Future of Pulp

Neil McCubbin

PaperMoney asked me to write a bimonthly column on the industry in "my" area, which is Canada. As the deadline rolls around I find myself in Uruguay, working on a permit application for a new 4000 tons/day mill, and realize that the situation here has much to do with North America.



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Some of the current, and impending, closures of pulp mills in Canada and the United States are of course due to the expansion of low-cost, high quality pulp producers in South America.

The decline in demand for communication grades of paper in our region is also a serious issue. I cannot imagine demand for newsprint, office paper, etc., ever rising in the developed world, and even packaging and the "use once" grades like tissue are probably at peak usage. However, the rest of the world has a long way to go before demand is saturated, as living standards rise. This means that world fiber demand will continue to grow for the foreseeable future.

One major question is whether North American mills will be able to capitalize on this demand. The South American and Indonesian mills have the advantage of fast-growing forests, which pessimists in North America see as insurmountable. However, having worked on one Asian and three South American mill projects, and visited several South American mills, I think the North still has a chance.

The success of the South American kraft mills is not due only to fast-growing wood, but to superbly engineered and operated mills, of very large scale. These mills have surmounted difficulties that do not exist in North America. For example, when we want a skilled welder, we hire one. The South American mills usually have to train him pretty much from scratch, and might well see him then quit. We can purchase any chemical required fairly close to the mill, whereas many mills in less developed parts of the world have to import chemicals from overseas, resulting in high freight and inventory costs.

(continúa...)

<http://www.globalpapermoney.org/news.php?viewStory=4508>

RISI

<http://www.risiinfo.com>

ICT – Killing paper off with a greener image?

By Mark Rushton, Editor, Pulp & Paper International Magazine, RISI

BRUSSELS, May 10, 2010 (RISI) - First of all, what is ICT? Well actually I only found out myself last week that the three little letters stand for: Information Communication Technology. This vast sector covers the multitude of devices, including PCs, gadgets, e-readers and tablets that are systematically eating into paper usage. And if you hadn't heard of ICT up until now, remember you heard it here first, because you will be hearing about it a lot more in the future.

I myself found out about it when I was asked to chair the Confederation of European Paper Industries' (CEPI) seminar, Paper & ICT - Co-existing in a Sustainable Society, held last week in Brussels. It is obviously a hot topic, the venue was jam packed with a variety of pulp and paper industry people from all walks of professions, and from across Europe.

The center-piece of the seminar was devoted to the presentation of the results of a study that was commissioned by CEPI to try and get some kind of handle on what sort of threat the ICT industry is to the paper industry particularly as regards the environment. The report, entitled, Analysing the ICT - Paper Interplay and its Environmental Implications, provided a festival of interesting statistics that had the audience hanging on the presenter's every word.

Commissioned specially to undertake the task, was Dr Peter Arnfalk, associate professor at Lund University in Sweden. Arnfalk confesses - that despite being a Swede - he is not an exponent of the paper industry, and his mission was to clearly identify and compare dispassionately the environmental implications of both ICT and paper.

Some of Arnfalk's discoveries during the course of compiling the report are fascinating:

*If it was supposed that the 430 billion mail items that are delivered globally each year were two sheets of A4 laid end to end, the total would add up to a journey to the sun and back

*If the 15 trillion emails that are sent annually were also 2 A4 sized emails, it would add up to a return journey to the sun 70 times over

*There is also around 60 trillion spam emails annually, that's 280 trips to the sun and back

Which begs the question: What environmental footprint is the greatest, emails or postal mail?

... (continúa)

It's about communication, stupid

By Mark Rushton, Editor, Pulp & Paper International Magazine, RISI

LONDON, April 26, 2010 (RISI) - That may be a harsh headline, but there is a shining thread of truth in this statement running right through and across the global industry. In fact as you all twiddle your collective



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thumbs wondering where your next big order is coming from, Rome is not only burning, it is witnessing the start of an inferno.

Why am I being so tough on paper industry players this month? Well take RISI's European Pulp and Paper Outlook Conference that was held in Amsterdam recently. Our revered speakers came from all over the industry, from the banking sector, from biofuels and bioenergy divisions, from the buying and printing fraternity, and from those very clever people that provide carbon footprint calculations in all industries. And of course it goes without saying that we had more than a smattering of the top CEOs from the European industry also making their presence felt to a record audience. Each, to a man (and the women too), the speakers were all if not exasperated, at least disappointed at the industry's inability to get the message over to the general public that paper and board is a hugely environmentally friendly product.

An ongoing problem - set to get worse

It seems that the problem really stems from two areas; a totally fragmented industry, and an old fashioned mindset that sees marketing a modern therefore expensive exercise. One industry player I spoke to at the conference hit the nail on the head when he said, "Most companies (outside the industry) allocate at least 10-15% of their turnover to the vital business area of marketing, we are lucky if we get 3%. We seem to think that a new headbox is much more important than getting any message over to the general public."

This situation would probably be fine if paper, especially graphic paper and newsprint, didn't have great big threats breathing down its neck. And if we think the general situation is bad now, then what about the future? At the conference, much of the talk was about the new e-readers that allow you to download just about everything onto very clever and handy little devices for reading at your leisure. DO NOT underestimate the coolness factor of these highly desirable objects! Being an avid lover of paper and a supporter of this industry, my boss recently passed me one of these genius little devices. Despite my initial reticence, it seduced me in seconds; it reads like a book, weighs about as much as a book, and my goodness, it can hold 3000 books! It also allows you to do a whole load of other stuff as well. So what that you can't read it in the bath?

... (continúa)

TAPPI

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

The diverse landscape of Specialty Papers

by Tom Rodencal

TAPPI*Ahead of the Curve - April 5, 2010

The term specialty or technical paper means different things to different people. Specialty grade categorization is not standardized, and the services that report industry statistics generally do not follow this market segment. The best source of information is from private database companies.

Fisher International uses five categories to classify the hundreds of possible grades that can be called specialty including: business, consumer, food, industrial, and graphic papers. Business includes thermal, carbonless, and diazo paper. Consumer includes grades like impregnating base, construction paper, and playing card stock. The food group is intuitive with grades like grease proof, butcher wrap, parchment, and waxed paper. The industrial group includes examples like oil filter, gasket, saturating, and tape base. Lastly, graphic grades would include artist papers, photographic base, and tracing paper.

Mergers and acquisitions have significantly reduced the number of paper companies worldwide, many of which were medium- to large-size corporations involved in commodity grade manufacturing. While specialty paper producers have also seen reductions in manufacturing capacity through mill and machine closures, most of these have been due to financial and technology reasons, such as the reduced demand for photographic base stock resulting from the demise of film based photography.

The specialty market segment remains quite diversified when compared to commodity production. This can be seen when specialty grades are compared to producers of uncoated free sheet (UFS). In specialty grades, no single company has greater than 5% market share, and the top 11 producers account for only 37% of the market. For UFS, the top 11 companies account for 51% market share with the largest player having 12% market share.

... (continúa)

<http://www.tappi.org/content/enewsletters/ahead/2010/issues/2010-05-05.html>

Renewable Fuel Standards -- RFS2

by B. A. (Ben) Thorp and Masood Akhtar, Bioenergy Deployment Consortium



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TAPPI*Ahead of the Curve - May 12, 2010

The Energy Independence and Security Act 2007 (EISA), mandated that 36 billion gallons of renewable fuel be produced by 2022, and that the U.S. Environmental Protection Agency (EPA) issue regulations governing renewable fuels. These regulations were issued on March 26, 2010 as 40 CFR Part 80 Regulation of Fuels and Fuel Additives: Changes to Renewable Fuel Standard Program; Final Rule.

This new EPA rule, which is an upgrade to Renewable Fuel Standard 1 (RFS1) contained in the 2005 Energy Policy Act, becomes effective July 1, 2010, and is available at <http://www.epa.gov/otaq/fuels/renewablefuels/regulations.htm>

(Note: The page numbers are 14669-14904 and there is no Part 11.)

This article summarizes the major RFS2 actions.

The first question to ask is, why do I need to know any of this? Reasons can range from increasing one's knowledge to helping guide personal investment to evaluating potential projects for your facilities. For those who thirst for knowledge, this document also contains official definitions (80.1401), green house gas (GHG) estimates, and economic impacts.

... (continúa)

<http://www.tappi.org/content/enewsletters/ahead/2010/issues/2010-05-12.html>

The question of carbon neutrality

by Scott P. Jones

TAPPI*Ahead of the Curve - May 19, 2010

It is widely held that combustion of carbon biomass is carbon neutral. This is acknowledged by the Environmental Protection Agency, the European Union, and the UN's Intergovernmental Panel on Climate Change, as well as by recent federal and state legislation promoting renewable electricity and biofuels.

This acknowledgement has created an incentive for entrepreneurs and investors to spur this industry to life, in turn creating an incentive for many private forest landowners to continue managing their forests sustainably, thus ensuring the future for a new industry as well as existing traditional industries.

As trees grow they take carbon dioxide from the air in the process of photosynthesis, then store carbon and release oxygen back into the atmosphere. When trees are harvested or die they release this stored carbon back into the air to be reabsorbed by the next forests.

This natural balancing cycle is what separates biomass energy from traditional fossil fuels which rely on stored reserves of carbon that took many centuries to create and will take just as long to replenish. Trees can be replanted and harvested in a very short time frame, without adding new carbon back into our atmosphere.

... (continúa)

<http://www.tappi.org/content/enewsletters/ahead/2010/issues/2010-05-19.html>

Michigan Tech News, 2010, May

Poplar remedy for stress

Feeling Stressed? So is the Poplar — But Hormone Suppression Could Help the Tree

People aren't the only living things that suffer from stress. Trees must deal with stress too. It can come from a lack of water or too much water, from scarcity of a needed nutrient, from pollution or a changing climate. Helping trees and crops adapt to stress quickly and efficiently is a pressing goal of plant biologists worldwide. Now research led by Michigan Technological University scientists has identified the molecular mechanism that Populus—the scientific name for common poplars, cottonwoods and aspens—uses to adapt to changing soil conditions, as well as some of the genes that turn the process off or on. They hope to apply what they've learned to find ways to use biotechnology or selective breeding to modify the trees to make them more stress-tolerant.

"Our hope is that by understanding how this works, we can manipulate the system so the plants can adapt faster and better to stressful conditions," explained Victor Busov, associate professor in Michigan Tech's School of Forest Resources and Environmental Science and senior author on a paper published in the March 2010 issue of the journal *The Plant Cell*...

(continúa...)

<http://www.mtu.edu/news/stories/2010/may/story26518.html>

REVISTAS DE ACCESO ABIERTO

Revista de Ciencia y Tecnología

La Revista de Ciencia y Tecnología (ReCyT) publica artículos originales que representan una contribución para el desarrollo científico-tecnológico. Incluye trabajos de investigación básica y aplicada, 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 su correspondiente tecnología. La decisión última sobre la incumbencia de un artículo presentado, quedará a cargo del Consejo de Dirección (CD).

Los autores interesados en publicar artículos en la ReCyT, 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/>

BioResources

Submit articles on cellulose science, lignocellulosic biofuels, wood products, paper, etc.

BioResources is a peer-reviewed, university-based, “free-on the-web” scholarly journal dealing with the science of cellulose, lignin, and related materials and applications, including cellulosic bioenergy, paper science, wood products, and pulping innovations, etc. We are using automated software and a “template” system (see below) to streamline the processes of submission and reviewing. It is our goal to promote scholarly discourse leading to progress in sustainable technology, using the world’s most abundant non-food photosynthetic resources. Find more details at our website, www.bioresources.com

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The Open Superconductors Journal FREE (for article contribution please email at editorial@tosupercj.org)

The Open Surface Science Journal FREE (for article contribution please email at editorial@tosursj.org)

The Open Textiles Journal (for article contribution please email at editorial@totextilej.org)

The Open Materials Science Journal (for article contribution please email at editorial@tomsj.org)

The Open Macromolecules Journal (for article contribution please email at editorial@tomacroj.org)

The Open Applied Physics Journal (for article contribution please email at editorial@toapj.org)

The Open Nanoscience Journal (for article contribution please email at editorial@tonanoj.org)

<http://www.oa-material-sci.org/AllOpenTitles>

Advances in Materials Science and Engineering <http://www.hindawi.com/journals/amse/contents.html>

Research Letters in Materials Science <http://www.hindawi.com/journals/rlms/contents.html>

Journal of Engineered Fibers and Fabrics (JEFF) <http://jeff.edmgr.com>

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



VARIOS DE ESTER FOELKEL Y CELSO FOELKEL

ABTCP - Eucalyptus Newsletter - Edição 27

Amigos,

Mais uma vez, sentimo-nos honrados e agradecidos por poder lhes enviar para leitura a nossa Eucalyptus Newsletter Nº 27 no idioma Português.

Com ela, esperamos estar contribuindo para a difusão de muitos conhecimentos sobre os eucaliptos, colaborando para um maior entendimento das inúmeras vantagens que essas magníficas árvores oferecem para a sociedade, desde que sejam plantadas em adequadas condições de sustentabilidade e com muita responsabilidade por parte dos diferentes envolvidos nas cadeias produtivas correspondentes.

Esse é um número especial que lhes oferece a possibilidade de conhecer muito mais sobre o carvão vegetal produzido de eucaliptos e sobre alguns dos grandes autores brasileiros sobre esse tema de enorme importância para o Brasil, dentre os quais, o nosso homenageado dessa edição, o professor Dr. José Otávio Brito.

Se vocês quiserem saber o conteúdo da mesma e ler apenas as seções que lhes interessar, vejam mais abaixo o que essa edição contém e utilizem os links oferecidos.

Caso lhes interesse ler a Eucalyptus Newsletter completa e a salvar em seu computador, clique no endereço de URL logo abaixo que você será direcionado para nosso website www.eucalyptus.com.br onde ela está abrigada e à sua disposição. Se por alguma razão não houver um direcionamento automático para essa nossa newsletter, por favor, copie e cole o endereço de URL abaixo no box de busca de seu navegador (Internet Explorer, Mozilla Firefox, Google Chrome, etc.) que você será encaminhado a ela dessa forma também. Agradeço sua compreensão, se esse tipo de problema vier a suceder.

Eucalyptus Newsletter nº 27:

http://www.eucalyptus.com.br/newspt_abril10.html

Nossos agradecimentos pelo seu prestígio às nossas publicações virtuais.

Um abraço a todos e boa leitura

Celso Foelkel

<http://www.celso-foelkel.com.br>

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

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

Nessa Edição

- Editorial
- Os Amigos dos Eucalyptus - Professor Dr. José Otávio Brito
- Referências Técnicas da Literatura Virtual - Carvão Vegetal de Eucalipto
- Euca-Links - Carvão Vegetal de Eucalipto
- Referências sobre Eventos e Cursos - Carvão Vegetal de Eucalipto
- Nova Seção: Vídeos Técnicos Online - Carvão Vegetal de Eucalipto
- Curiosidades e Singularidades acerca dos Eucaliptos - Obtenção de Alcatrão/Creosoto a partir da Madeira dos Eucaliptos - por Ester Foelkel
- Capítulo Número 18 do Eucalyptus Online Book: Produção de Carvão Vegetal Utilizando Madeira de Florestas Plantadas de Eucalipto - por Celso Foelkel

LLAMADA DE TRABAJOS (CALL FOR PAPERS)

TALLERES - CONGRESOS- SEMINARIOS

VI CONGRESO ARGENTINO DE INGENIERÍA QUÍMICA

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

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

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

LLAMADO A PRESENTACIÓN DE TRABAJOS

Fecha límite para envío de resúmenes: **10 de Junio**

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



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14th International Symposium on Cellulose Chemistry and Technology

Iasi – ROMANIA, September 8-10, 2010

In memoriam acad. Cristofor I. Simionescu

As a key objective, the event promotes fruitful exchanges among experts and papermakers from around the world. The symposium gives an overview of the latest developments in the area of cellulose chemistry and papermaking.

Topics

The symposium program will cover aspects of pulp and paper science, including the following main topics:

Bio-resources. Bio-composites

Innovative processes and materials in pulp and paper making

Paper recycling

Natural and synthetic polymers

Energy and Environment

Call for papers

Deadline for preliminary registration: **June 15, 2010**

Deadline for abstract submission: **June 15, 2010**

Deadline of submitting the final manuscript is: **July 1, 2010.**

The symposium will take place at:

Faculty of Chemical Engineering and Environmental Protection,

Dimitrie Mangeron Bd., 71, Iasi, Romania

Dr. Florin Ciolacu , Dr. Raluca Nicu, Bogdan Tofanica, Ioana Ignat, Ioana Stangu

E-mail registration: fciolacu@ch.tuiasi.ro

Fax registration: 040 232 271311

On-line registration: <http://www.pulp-paper.eu>

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.

We are pleased to now announce that the abstract submission is now open and that the second call for papers is available for download. The deadline for abstract submission is **August 15, 2010.**

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/>

XXIV JORNADAS FORESTALES DE ENTRE RIOS

Concordia, 28 y 29 de OCTUBRE 2010

LLAMADO A PRESENTACIÓN DE RESÚMENES DE POSTERS

Como en ediciones anteriores, la Comisión Organizadora de las XXIV Jornadas Forestales de Entre Ríos invita a presentar posters (trabajos técnicos, o comunicaciones), a ser expuestos en la "Sesión de posters"



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en el hall de las Jornadas. Además, los correspondientes trabajos completos podrán ser publicados en formato digital, en el CD editado de las Jornadas, que cuenta con registro bibliográfico internacional ISSN, y será colocado en internet.

En esta postulación, los autores deberán enviar solamente el resumen del poster a presentar, para su evaluación por el Comité de Posters. Una vez aceptados deberán enviar el poster en formato de archivo pdf para su inclusión en el CD.

ENVÍOS:

Deben ser enviados a la dirección de la Ing. Ftal María de los Ángeles García

mariagarcia@correo.inta.gov.ar

En forma inmediata recibirán aviso de confirmación de recepción para su evaluación, si este no llega favor avisar.

PLAZOS

Envío de resúmenes: La fecha límite para presentación de resumen es el **31 de agosto de 2010**.

CONTACTO - INFORMES:

Consultas por pósters: Ing. María de los Ángeles García

mariagarcia@correo.inta.gov.ar

Tel. +54 345 429 0000 interno 128

Consultas generales sobre las Jornadas jornadasforestales@concordia.com.ar

o Ing. Ciro Mastrandrea Tel. +54 345 429 0000 interno 144

www.inta.gov.ar/concordia

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

Prezados colegas:

Tenho a honra de convida-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 orais: **01/09/2010**

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 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.



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- • 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, lignosulfonate 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 Talldiesel factory and ETC Gasification Centre.

CONGRESOS, JORNADAS, OTROS

PulPaper 2010 Conference – Implementing the new rise

1-3 June in Helsinki, Finland!

Global operating environment of the paper industry is changing rapidly. In this dynamic setting, innovative products and operating models are crucial in sector's bid to remain competitive.

Implementing the new rise – the theme of the PulPaper 2010 Conference – will cover topics that the forest cluster has to deal with to maintain its position and improve results in the changing environment. The conference organized in association with the PulPaper 2010 Exhibition will deliver the participants a vast overview of the forest industry bioenergy issues and new business opportunities.

The PulPaper 2010 conference will focus on the new coming of the forest industry under the theme of 'Implementing the New Rise' concentrating on new technological breakthroughs and solutions for sustainable development. A longer session will be held on forest industry bioenergy together with efficient resourcing and solutions for sustainable development. In the field of technological breakthroughs the conference contents emphasize the results obtained by nano and biorefinery demonstration plants.

The Bioenergy Boosting Forest Industry session will be one of the highlights of the conference. It will be focusing on commercialisation of the new and innovative bioenergy technologies within the forest industry. An overview of European Strategic Energy Technology Plan will also be given. In addition, the impact of the forest industry markets and technology breakthroughs will be discussed.

<http://www.ael.fi/pulpaper2010?lang=en>

TAPPI's 2010 BioPRO EXPO

Atlanta, Georgia, August 24-26, 2010

Sources of renewable energy are everywhere -- from the forest and farm to food processing residue and the urban landscape. Still, many industries with access to valuable feedstocks have questions on how to best utilize them as an energy or fuel source.

BioPro Expo™ 2010 is a unique new cross-industry event that explores existing and emerging ways for transitioning a variety of biomass feedstocks into energy and biofuel. At BioPro Expo, suppliers of agricultural, municipal and wood wastes, as well as producers of dedicated energy crops and food processing facilities, will find the practical answers they need for capitalizing on biomass resources.

Using in-depth case studies and technical sessions from experts in multiple industries, along with a comprehensive tradeshow and hands-on technology interaction, BioPro Expo gives attendees the latest information for rapidly deploying bioenergy technology. By bringing together diverse communities ranging from forest, farm, and biorefinery operations to power companies and technology suppliers, BioPro Expo offers the most powerful professional networking experience in the bioenergy arena. Additional input from governmental agencies will supplement this experience with perspective on the rapidly changing regulatory and funding environment impacting renewable energy efforts.

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



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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

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

Estimados colegas,

Tenemos el gusto de invitar a Ud. a participar del Simposio de IAWA (International Association of Wood Anatomists) “Perspectivas y nuevos enfoques en el estudio de la madera y la corteza”, organizado por el Grupo Regional Pan-Americano de IAWA, en el marco del X Congreso Latinoamericano de Botánica a celebrarse en La Serena, Chile, entre el 4 al 10 de octubre del 2010.



RIADICYP

Por cualquier interés o consulta sobre el Simposio de IAWA, podrá dirigirse a los coordinadores o cualquier otro organizador del Congreso, en particular Luty Arriagada Nuñez albchile2010@ceaza.cl
Agradeceremos difunda la información del Simposio.

Atentamente, Fidel Roig froig@lab.cricyt.edu.ar
& Teresa Terrazas terrazas@ibiologia.unam.mx

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

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

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www.abtcp.org.br

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,



Riadicyp

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:

TECNICELPA, R.Amorim Rosa, 38 – 1º Dto

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Tel: +351.249324858, fax: +351.249312068

<http://www.tecnicelpa.com>

Red Iberoamericana de Docencia e Investigación en Celulosa y Papel

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

Eventos ABTCP

Calendario de eventos

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

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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

Boletines de la Asociación de Fabricantes de Celulosa y Papel (Argentina)

NOTICIAS DE INTERÉS PARA EL SECTOR

AFCP Noticias: Editor: Hernán Murúa Diseño: Sigma Diseño Gráfico Contacto: AFCP. Av. Belgrano 2852 (C1209AAN) Capital Federal. Tel.: (011) 4931-0051/2. Fax: (011) 4931-0053;

E-mail: afcpnoticias@afcparg.org.ar

Internet: www.afcparg.org.ar/news/

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Información forestal del Uruguay

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Suscripción Gratuita

A la revista Mari Papel y Corrugado

Al info-boletín

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

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Boletines de la Unión Europea

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

Painel Florestal

<http://www.painelflorestal.com.br/index.php>

Boletines de la RIADICYP

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

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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>

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