http://www.nanotechexpo.jp/

http://www.convertechexpo.com/en/

Secretariat of nano tech & Converting Technology Exhibition

February 2, 2017

Light, Strong, Safe;
Get Up to Speed with the Latest in Cellulose Nanofibers at *nano tech & neo functional material 2017*

The concurrently-held exhibitions “nano tech” and “neo functional material,” where visitors can get up to speed with the latest developments in the research and application of cutting-edge materials, will be taking place at Tokyo Big Sight from February 15-17, 2017.

One focal point of this year’s event is Cellulose Nanofibers, or CNFs, and over ten seminars focusing on the subject are set to take place over the course of the event. Five times as strong as steel at only 1/5 of the weight -- and furthermore created from sustainable plant matter, reducing their burden on the environment – CNFs are considered by many to be a “dream material” of the future. With potential applications anticipated in the fields of electronics, filters, packaging, composite materials, foodstuffs, medicine, and many more, speakers at the event will present the latest information regarding research results and challenges for CNFs, at every phase of their development; from R&D to application.

CNF-related seminars will be taking place at each of the concurrently-held exhibitions on Thursday, February 16th; don’t miss out on this opportunity to find out about this fascinating new material!

Technology Innovation for Tomorrow
nano tech 2017 -- the World’s Leading International Nanotechnology Exhibition & Conference

Cellulose Nanofibers, set to contribute to the realization of the Super Smart Society, are the focus of a Special Symposium at this year’s event:

Special Symposium: Cellulose Nanofibers (Free Entry, ft. Simultaneous Interpretation)
Date: February 16 (Thu.) 12:30-13:45 / Venue: nano tech, Main Theater (East Hall 5)
Click here for details

The Current Trends and Challenges for Industrialization of Nanocellulose

Satoshi Hirata, Nanocellulose Forum Secretary-Genera, AIST

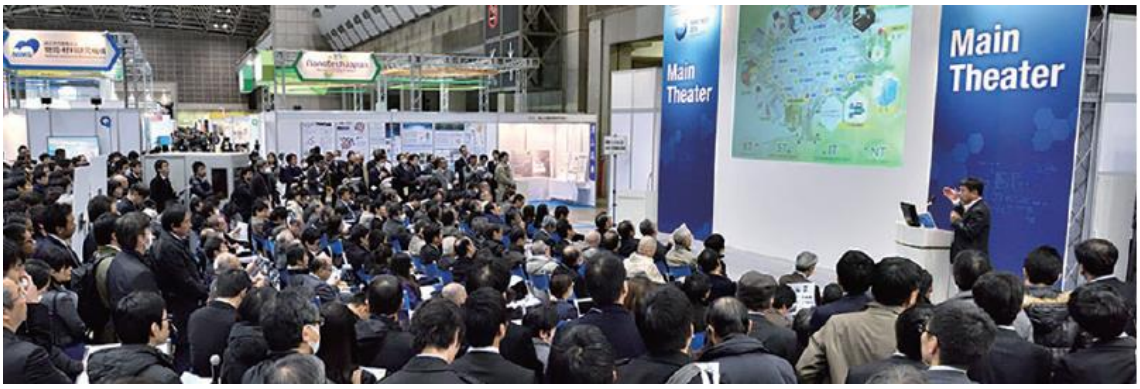
The Characteristics and Applications of Cellulose Nanofiber “RHEOCRYSTA”

Yohsuke Goi, DKS Co. Ltd. Chief, Development, Rheocrysta Business Division

Manufacturing Technology of Nanocellulose (BiNFi-s) by Water Jet Method

Kota Ogura, SUGINO MACHINE LTD. Project Section 1, New Development Department, Corporate Planning Division Chief

Production and Applications Development of Cellulose Nanocrystals (CNC) at InnoTech Dr. Behzad (Benji) Ahvazi, Alberta Innovates - Technology Futures (AITF) Cellulose Nanocrystals (CNC) Team Leader



nano tech 2016 Special Symposium

“The Potential of Cellulose Nanofibers – Future Automotive Made from Plant ”

Hiroyuki Yano, Professor, Kyoto University

neo functional material 2017 New Value Generating Functional Materials

Along with the NEO Functional Paper Zone, this year’s neo functional material exhibition will offer a seminar that features cellulose nanofiber and functional papers with various capabilities and properties not seen in conventional paper.

NEO Functional Paper Session

Date: February 16 (Thu.) 10:30-15:00 / Venue: Convertech Stage (East Hall 3)

Click here for details

10:30-11:10 <Keynote Speech> ”Basics and application development of cellulose nanofibers”

Takashi Endo, National Institute of Advanced Industrial Science and Technology (AIST),

Group Leader, Cellulose Materials Group, Research Institute of Sustainable Chemistry

11:25-11:45 ”Application development of modified cellulose nanofibers”

Daisuke Kuroki, SEIKO PMC CORPORATION, assistant manager

12:00-12:20 ”Development of hybrid materials from minerals and cellulose fiber”

Shisei Goto, Nippon Paper Industries Co., Ltd.

NPi Research Laboratory, Nippon Paper Industries Co.,Ltd., Senior research manager

12:35-12:55 ”Design for para-Aramid fiber reinforced material”

Hideo Yamada, TEIJIN LIMITED, High Performance Fibers Business Unit

13:10-13:30 ”Challenge to technical establishment to crystallize zeolite in the fiber inside”

Sugiyama Koju, Rengo Co., Ltd., Central laboratory New Material Development Group

Related Exhibitors

NIPPON PAPER INDUSTRIES [Booth No. 2M-19]

: Cellulose Nanofiber, Film for Printed Electronics

The Institute of Scientific and Industrial Research, Osaka University [Booth No. 6P-26]

:Transparent cellulose nano paper, Flexible nano paper solar cell, Paper memory

Sanwa Seishi [Booth No. 2E-16]

:Specialty Japanese paper, Span race nonwoven Kseries, Span race nonwoven NMF/NA series

Hirose Seishi [Booth No. 2E-16]

: Mysterious adsorption sheet FK, Insulation paper, PPS 100% nonwoven fabric

TEIJIN [Booth No. 2B-19]

:polyester short cut fiber, NANOFRONT, BELL OASIS, BELL SUNNY, Aramid fiber, PPS resin

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Kanai Juyo Kogyo [Booth No. 2E-14]

: functional powder processing, High heat-resistant nonwoven fabric, Nonwoven fabric with design characteristics, Prepregs using the carbon fiber nonwoven fabric, Metal fiber nonwoven fabric

NEO Functional Paper Zone [Booth No. 3P-21]

AWAPAPER

:AWAPAPER is a producer of paper with heretofore unseen functions. During the event, the company will exhibit their "Heat Radiation Sheet" with its excellent heat radiation property and their "Carbon Fiber Reinforced Plastic" with its lightweight and metal-like strength.

Fiber Coordinate Services

:An advanced raw material of interest slated to be exhibited at new functional material, TENCEL® environmentally friendly cellulose fiber produced by Europe-based Lenzing is an extremely thin, special porous paper made through fibrillation.

Other exhibitors in NEO Functional Paper Zone

High Performance Paper Society, Daio Paper, TEIJIN, LINTEC, SUMITOMO SEIKA CHEMICAL etc.

Visitor Registration

nano tech 2017: http://www.nanotechexpo.jp/

neo functional material 2017: http://convertechexpo.com/en/

Outline

nano tech 2017

Organizer: nano tech executive committee / JTB Communication Design, Inc.

neo functional material 2017

Organizer: Converting Technical Institute

Co-organizer: JTB Communication Design, Inc.

Dates: February 15 (Wed.) - 17 (Fri.), 2017

Venue: Tokyo Big Sight East Hall

Contact

JTB Communication Design, Inc.

nano tech 2017

Attn: Yoshizawa TEL:+81-3-5657-0750 E-mail: nanotech@jtbcom.co.jp

neo functional material 2017

Attn: Asaoka, Uchiyama TEL:+81-3-5657-0761 E-mail: convertech@jtbcom.co.jp