

Reasons for attending

This seminar will provide you the answers to your most critical questions:

- What is chromatogeny?,
- What chemistry is behind this technology?
- What properties can be developed?
- Is this technology mature for industrial up scaling?

Papermakers, converters, printers, brand owners, retailers, R&D managers, project leaders and scientists, you are invited to:

- Discover the basics of chromatogeny, thanks to lectures;
- Figure out the up scaling of the technology thanks to demonstration;
- Exchange with diverse group of presenters and attendees.

Organization

Registration :

This seminar is organized by Centre Technique du Papier.

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Technical Manager: David GUERIN

Duration: 1 day

Date: Wednesday 17 March 2011 at CTP in Grenoble

Language: English

Timing schedule: 8.30 – 16.00

Place: Centre Technique du Papier

341 rue de la Papeterie - 38400 Saint Martin d'Hères

The map for the access to CTP is available on www.webCTP.com

Registration fees : 70 €HT / person (83,72 € VAT included)

Including seminar organization, coffee breaks & refreshments, lunch and documentation support.

Hotel Accommodation

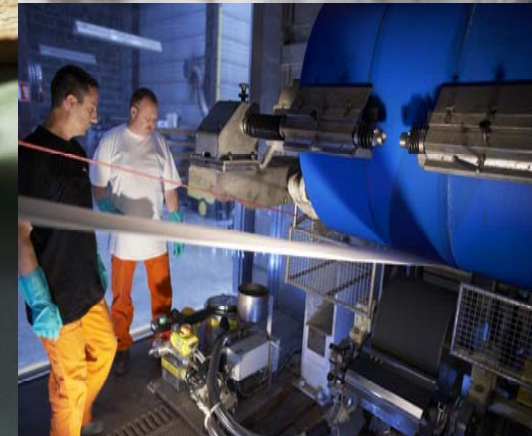
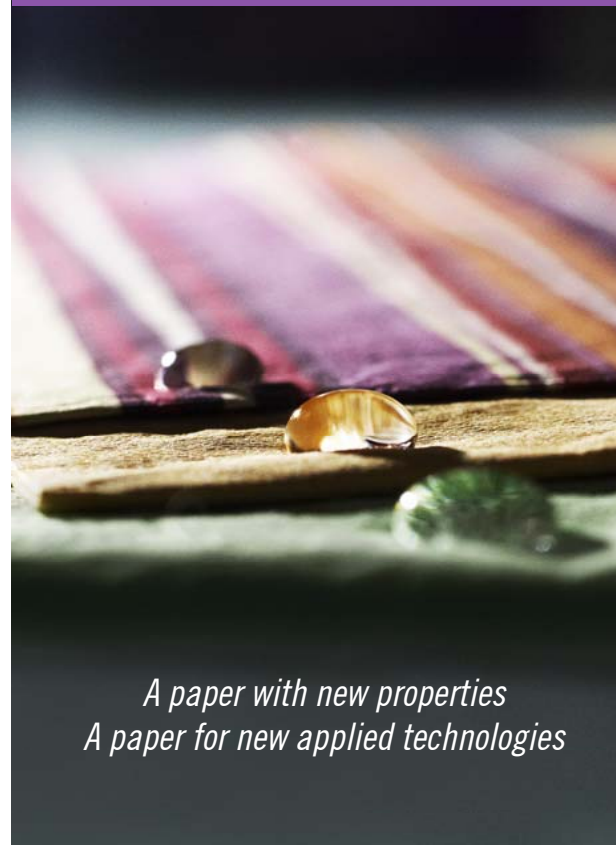
A list of hotels in Grenoble is available on request to Malou.Caillat@webCTP.com

CTP, **funder** member
of the **plate-form** **TekLiCell**



Discover the Potential of Chromatogeny!

March 17th 2011 in CTP
Grenoble, France



*A paper with new properties
A paper for new applied technologies*

Technical Day on CHROMATOGENY

Characteristics

Programme

The CHROMATOGENY

Chromatogeny: a breakthrough "Clean-Tech" technology invented by the CNRS for tomorrow sustainable barrier materials. Industrially developed by CTP and BT³ Technologies Company, this patented technology proves to be perfectly suited to ligno-cellulosic materials in general and to papers/boards in particular....

Chromatogeny opens the door to innovations by making possible to create waterproof papers, sustainable barrier materials while keeping biodegradability and recyclability.

TekLiCell

The PARTNERS

Thanks to presentation and demonstrations done by the main players involved in this technology; this day will give you all the clues to understand the chemistry behind, to figure out the material development possibilities, to understand the required machine specification and evaluate the potential ROI of the technology.



Reasons for attending

- **R&D managers and engineers:** discover a clean-tech technology that can open new area in your project portfolio.
- **Papermakers and paper converters:** discover a new dry surface treatment that already reaches the speed of your machines and that opens new markets for papers and boards in packaging area and specialty products.
- **Brand owners, transporters and retailers:** discover new paper and board properties that could make possible to create innovative packaging.

PROGRAMME: March 17th 2011 in Grenoble

8:30 Welcome

- Introduction and agenda of the day
- Main players in chromatogeny
- State of the art on paper coating and grafting techniques
David Guérin/ Mohammed Krouit/CTP

9:30 - 10:15

Basics of chromatogeny

- Introduction to chromatogeny
Daniel Samain/BT³
- Chemistry involved in chromatogeny
Jean Stéphane Condoret/Laboratoire de Génie Chimique de Toulouse
- Reaction with PVOH film
Daniel Samain/BT³

10:15 - 10:30

Coffee break & refreshments

10:30 - 11:00

Chromatogeny applied to paper and boards

- Case of uncoated papers and boards
Camélia Stinga/CNRS and David Guérin/CTP
- Case of coated papers and boards
Camélia Stinga/CNRS and David Guérin/CTP

11:00 - 12:00

Chromatogeny Pilot Plant CONCEPT AND MACHINERY

- Specification for the achievement of a pilot - *Laurent Lyannaz/CTP*
- The chromatogeny pilot
Yann Couillaud/Allimand
- All about reagents
Daniel Samain/BT³

12:00 - 13:15 Lunch at CTP

13:15 - 14:30

Chromatogeny Pilot Plant DEMONSTRATION OF THE FACILITIES

- Safety instructions
- Pilot Plant Tour & Demonstration

14:30 - 15:00

Technico-economic data, ROI & IPR issues

- Economic data - *David Guérin/CTP and Yann Couillaud/Allimand*
- Intellectual property
Olivier Muquet/BT³

15:00 - 16:00 ROUND TABLE

Moderator: *Jean Yves Rigault/TekLiCell*
Potential uses of chromatogeny

16:00 Closure

