

Organisation

On **Thursday 23 May 2019**, you are invited to come and meet our experts and speakers, to discover our laboratories and R&D work, to share our experiences, to take stock of Chromatogeny and consider other important current issues.

Registration

The day is organised by the Centre Technique du Papier in Grenoble (France).

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Experts Scientists

David Guérin & Philippe Martinez

Practical Information

Date: Thursday 23 May 2019 at CTP / Grenoble / France

Languages: The presentations will be given in French or English with simultaneous translation between the two languages.

Times: 8.30 – 16.30 (CET)

Venue Centre Technique du Papier
341 rue de la Papeterie - 38400 Saint Martin d'Hères, France
An access map can be found on www.webCTP.com

Registration Fee

Including the day's events, breaks and lunches.

→ before March 20th, 2019: **€350/pers. (VAT included)**

→ from March 21st, 2019: **€450/pers. (VAT included)**

Friendship Dinner

All participants are welcome to sign up for the friendship dinner being organised by the CTP the evening before the Technical Day. The dinner will be held at **Fort de la Bastille in Grenoble**. Full details of this event will be provided at a later date. The registration fee for the dinner is **€75/pers. (VAT included)**. Please tick the corresponding field on the Technical Day registration form.

Accommodation

A list of hotels offering negotiated rates is available on request from:
Malou.Caillat@webCTP.com



early birth price POSTPONED to April 4

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Hydrophobic monomaterials Papers & Boards is that possible?



WHY and HOW?

a new revolutionary technology
Chromatogeny™



One technical day to understand everything
May, 23rd 2019
CTP Grenoble France



Why hold this Technical Day ?

Cellulose is the major constituent of paper and board. The affinity with water of this material is an advantage exploited in numerous applications, but could sometimes hinder the development of new uses for paper and board.

Hydrophobicity is a major technological challenge for the future of paper and board. A breakthrough process called **chromatogeny** perfectly fits with this challenge letting unchanged the **recyclability** and the **biodegradability** of the material.

When combined with a polymer coating such as PVOH, this technology also makes it possible to add additional functionalities such as **anti-adhesion**, **oleophobicity** or **the gas barriers**.

The expertise developed by CTP experts demonstrated that the **hydrophobic** papers produced with this technology had mastered, reproducible and competitive performances over other technologies and could be integrated perfectly into the life cycle of conventional papers. This expertise allowed first large scale industrial deployments.

This event will provide an update on the state of knowledge on this breakthrough technology, to measure the progress made from research laboratories to the first industrial success and to have a clear view of the necessary steps for the use of this technology on applications related to other substrates (textile, wood, composite ...).

Who is it designed for?

- **Manager and collaborators** of the Production, R & D, Marketing and Sales teams in the Production, Converting and Printing industries of paper and board materials and other industrial sectors (textiles, wood, composites ...).
- **Suppliers** of raw materials and equipment
- **Users** of packaging and cardboard processed articles
- Retail **Packaging Manager**

Why attend ?

This technical day will bring you answers to your questions:

- **What is Chromatogeny?** What performances can be achieved with this new technology and treatment?
- **What is the step process** to the time to market of papers & boards treated with Chromatogeny?
- **What is the potential** of Chromatogeny for new applications and new sectors?

Simultaneous French/English Translation

08:00 **Welcome Coffee**
08:30 **Introduction / Presentation of the CTP and the programme** *Gilles Lenon / CTP*

Morning 8:45–13:00 Highlights on potential & Facilities

8:45 **Start of Conferences**
Chairman : *Dr David Guérin / CTP*

What is Chromatogeny?

Principles, story, actors and state of the art
Dr Philippe Martinez / CTP

Chromatogeny: a first industrial success in the Republic of Korea

Context, objectives and achievements
Pr Jeong Yong Ryu / KNU-CIPST
Dr An Byeong Jun / TKP

Modification in gas phase: an extension/ upgrade of the versatile and adaptable chromatogeny

Diversification to other substrates, reagents and applications
Dr Laurent Heux / Cermav

10:15 **Coffee Break** Forming Working Groups

10:40 **Visit of CTP's Laboratories**

- Chemical Analysis Laboratory
- Barrier Laboratory
- Chromatogeny Pilot
- Chromatogeny Laboratory

13:00 **Lunch Break** at CTP

Afternoon 14:30–16:30 Round Tables

14:30 **Discussions & Brainstorming**
Animation : *Géraldine Poivert / Arwin*

Round Table SESSION 1

Industrial deployment of Chromatogeny: necessary steps and feedbacks

Sung An Machinery Korea / Heiss Kang
Sung An Machinery Europe / Sergio Deambrogio
TaeKyung Polymer / Dr An Byeong Jun
CNRS-Innovation / Sandrine Guerrero
CTP / Dr Fabienne Vercelli
STORA ENSO / Lars Axrup

Round Table SESSION 2

Diversification of Chromatogeny to other substrates: expectations and possibilities

LACROIX EMBALLAGES / Michel Lamboley
AD MAJORIS / Didier Beaudoux
KNU-CIPST / Pr Jeong Yong Ryu
SOFILETA / Dominique Heuillard
FIRPLAST / Marc Delsol
DTI / Dr Alexander Bardenshtein*
** Danish Technological Institute*

16:30 **End of workshop / Conclusion**

