



afelim

INNOVATION  
PLASTURGIE  
COMPOSITES



Plastipolis  
PÔLE DE COMPÉTIVITÉ PLASTURGIE ET COMPOSITES



# PLASTRONICS Meeting

**SEPTEMBER Tuesday 17<sup>th</sup>**

Ecole Normale Supérieure – Site Buisson

Salle D8-001

19 allée de Fontenay - Lyon 7<sup>ème</sup>

**Métro DEBOURG**

## Polymer processing and Printed electronics for Smart plastics

More and more application areas require high added-value polymer parts in order to meet end-users needs and expectations: medical, automotive, packaging, consumer goods, etc. New functions must be seamlessly integrated, with competitive processes and high performances materials.

In this context, one of the major challenges of the plastics industry is the direct integration of functional and flexible substrates inside plastic parts. With new functions (OLEDs, sensors, actuators, communication, etc.), printed electronics offer an efficient solution to reach this goal with a respect of the plastic circular economy.

An overview of European plastronics field will be proposed, from research (H2020 PRESTIGE project) to industry. Applications in various sectors will be presented.



## Printed electronics - Plastics - Composites

09.30 NETWORKING - Coffee

10.00 **Context - Market**

Michel POPOVIC

Bertrand FILLON

Jean-Jacques LEGAT

Chairman

R&D

AFELIM

CT IPC

PLASTIPOLIS

10.20 **Formulations**

Hortense GAYA

Product Manager

CTS - DUPONT

10.40 **Medical**

Sebastian KOLLER

Head of innovation

RÖCHLING MEDICAL

WALDACHTAL AG

11.00 *NETWORKING - Coffee*

11.20 **Ledfoil Technology RtoR**

Kari RONKA

COO

FLEXBRIGHT

11.40 Round Table

**PLASTRONICS on the market: when? Recycling for Printed electronics on Plastics**

**Bertrand FILLON**

**Moderator**

Jordi ROMEIRO

Spain

EURECAT

Olivier DASSONVILLE

France

SINTEX NP

Dr Andreas BAAR,

Germany

INNOS SPERLICH

12.20 **Flash presentations**

ZIM cooperation smart plastics german companies

12.50 **Closing of the morning session - Announcement of PLASTIPOLIS Digital Innovation Hub**

Patrick VUILLERMOZ

PLASTIPOLIS

13.00 *NETWORKING - Lunch*



This project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 761112.

## Use DESIGN as a tool to lead innovation

14.30	<b>Introduction to PRESTIGE Project</b> Antoine LATOUR                      Project coordinator                      CEA-LITEN
	<b>PRESTIGE challenges and developments along the value chain</b>
14.50	<b>A user-centred and eco-innovative design methodology</b> Gernot OBERFELL                      Product designer                      WERTEL OBERFELL
15.05	<b>Advanced printed materials with improved functionalities and aesthetics to meet users' needs</b> Thibaut SOULESTIN                      R&D engineer                      ARKEMA
15.20	<b>Optimized integration processes for functional and aesthetic materials</b> Sami IHME                      Senior scientist                      VTT
15.35	<b>High-end and fashion applications for scalability demonstration</b> <i>To be confirmed</i> AUTOLIV
15.50	Round Table <b>PRESTIGE</b> <b>Design and functionality: a new paradigm for printed electronics</b> <b>Bertrand FILLON</b> <b>Moderator</b> Christophe SAUNIER                      Plastronic expert                      SEB Thomas SAILLET                      Business Manager                      SALOMON Cécile VENET                      Plastronic innovation Manager                      SCHNEIDER ELECTRIC Yannick MOLMERET                      I&D Project Manager                      ALBEA
16.40	<b>NETWORKING – TABLE-TOP DEMONSTRATION</b>

**Registration:** <https://forms.gle/ntTXmDeZ2cnPwnyCA>

. Free for AFELIM – PLASTIPOLIS – PRESTIGE Project members  
. 50 €HT for no members

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