

19th Cathala-Letort Meeting
of the
Société Française de Génie des Procédés
jointly organized with
Groupe Français des Polymères

A vertical decorative graphic on the left side of the slide, composed of several horizontal layers of overlapping, semi-transparent spheres in shades of purple, blue, and grey, representing polymer structures.

Innovation in the Production of Polymers: Products & Processes

CPE - Lyon

29 January 2019 (afternoon)
30 January 2019 (morning)



The Working Parties "Polymerization Process Engineering" and "Reactor Engineering and Intensification" of the French Society of Chemical Engineering (SFGP) and the French Group of Polymers (GFP) invite you to participate in the 19th Cathala-Letort meeting on:

Innovation in the Production of Polymers : Products & Processes

Polymer materials are product-by-process products with multi-scale structures and final end-use properties that are strongly dependent on the production process. This scientific event will reunite industrialists, academics and PhD students to discuss various topics on polymer processing including:

- Innovative processes generating less waste and requiring less water and energy resources
- The role of modeling in the optimization of processes and final product properties, which relies simultaneously on chemistry, physico-chemistry and process engineering
- Process intensification: batch-to-continuous processing, non-destructive and non-intrusive characterization and control tools
- Product engineering (particularly bio-polymers and biomedical polymers).

Program

Tuesday 29 January

- 13:30** Registration
14:00 Introduction
14:15 **Polymer process modeling in the age of digitalization : quo vadis ?**
Hugo Vale – *BASF - Allemagne*
15:00 **Intensifying the production of polymeric nanoparticles by microreaction technology**
Christophe Serra - *Institut Charles Sadron - Univ de Strasbourg*
15:45 *Coffee break*
16:15 **Impact modified syndiotactic polystyrene**
Fanni Sypaseuth - *Total - Belgique*
17:00 **Intensification of the production of polymers: Application of Raman spectroscopy to characterization of residence time distribution and online monitoring**
Sandrine Hoppe - *LRGP - ENSIC - Nancy*
17:45 **Mise en forme des plastiques par impression 3D**
Thomas Joffre – *IPC - Oyonnax*
18:30 *Cocktail dinner*

Wednesday 30 January

- 9:00** **Versatile macromolecules and their biomedical applications**
Massimo Morbidelli - *ETH Zurich*
9:45 **Polymer process innovation: a multi-competencies challenge**
Sébastien Lomel - *Solvay - Lyon*
10:30 *Coffee break*
11:00 **Inline coating innovation for Bi-oriented PET Film**
Keltoum Ouzineb - *Toray Films Europe - St-Maurice-de-Beynost*
11:45 **Une histoire ancienne mais toujours moderne de la mesure des distributions des temps de séjour en extrusion réactive**
Philippe Cassagnau – *IMP - Université Claude Bernard – Lyon*
12:30 *Lunch*



Scientific Committee

Joelle AUBIN - LGC – University of Toulouse
Claude JANIN - GFP
Eric LEROY - GEPEA / CNRS Nantes
Vincent MONTEIL - C2P2 / CNRS - CPE - University Lyon 1
Timothy MCKENNA – C2P2 / CNRS - CPE - University Lyon 1
Christophe SERRA – ICS / CNRS – University of Strasbourg
Nida SHEIBAT-OTHMAN – LAGEP / CNRS - University Lyon 1

Organizing Committee

Jack LEGRAND - SFGP - GEPEA – University of Nantes
Jean-François JOLY - SFGP - IFPEN
Jean-Marc PUJOL - Solvay
Michel BOUQUEY - ICS / CNRS – University of Strasbourg

Registration deadline: 15 January 2019

On-line registration : <http://www.lyon-pse.com/cathala-letort/>

PhD student	70 €
Member of SFGP or GFP	100 €
Normal fees	150 €

The registration fees include the coffee breaks, the cocktail dinner on Tuesday evening and lunch on Wednesday

Contact

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