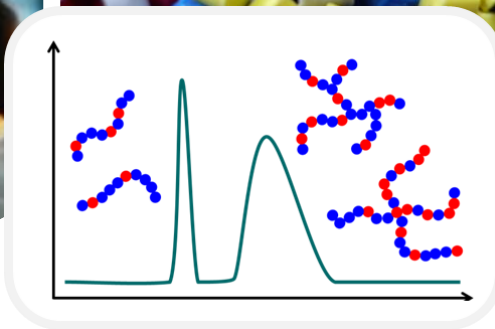
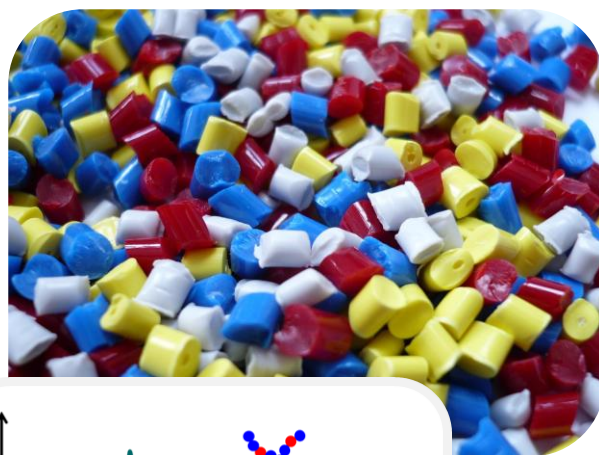


PROGRAMME

Technical Day - Conferences & Exhibition

ADVANCED POLYMER ANALYSIS TECHNIQUES



5 NOVEMBER 2025
ESPCI - PARIS

La **SFIP**, le **GFP**, l'**AFSEP** et l'**ESPCI**(*) organisent le 5 novembre 2025 à Paris, une journée dédiée aux techniques d'analyse avancée des matériaux polymères.

Cette manifestation cible un public mixte, industriel et académique. Elle illustrera les progrès récents en matière de caractérisation des matériaux à base de polymères (plastiques et composites) tant en termes de méthodologies que d'équipements.

Retrouvez-nous pour cette journée scientifique comprenant 4 sessions :

- *Separation techniques,*
- *Chromatography & spectroscopy,*
- *TDA & separations,*
- *Applications*

Une bonne opportunité d'échanger sur les dernières avancées méthodologiques et instrumentales, de partager des retours d'expérience et de favoriser les collaborations entre chercheurs académiques et industriels.

Lors de cette journée, toutes les pauses auront lieu dans l'espace exposition où les fabricants d'instruments d'analyse et de mesure pourront donner un aperçu de leurs derniers développements et de leur offre d'équipements de caractérisation structurelle, morphologique (microscopie, tomographie ...), thermique, thermomécanique, etc., dédiés aux matériaux polymères.

SFIP, GFP, AFSEP, and ESPCI(*) are organizing a day dedicated to advanced analytical techniques for polymer materials on November 5, 2025, in Paris.

This event targets a mixed audience, both industrial and academic. It will illustrate recent progress in the characterization of polymer-based materials (plastics and composites), in terms of both methodologies and equipment.

Come and join us for this scientific day with 4 different sessions:

- *Separation techniques,*
- *Chromatography & spectroscopy,*
- *TDA & separations,*
- *Applications*

A good opportunity to exchange on the latest methodological and instrumental advancements, share feedback, and foster collaborations between academic and industrial researchers.

During this day, all breaks will take place in the exhibition area where manufacturers of analytical and measurement instruments would provide an overview of their latest developments and their range of equipment for structural, morphological (microscopy, tomography, etc.), thermal, thermomechanical, etc., characterization, dedicated to polymer materials.

(*) : **SFIP**: Société Française des Ingénieurs des Plastiques, **GFP**: Groupe Français d'études et d'applications des Polymères. **AFSEP**: Association Francophone des Sciences Séparatives. **ESPCI**: Ecole Supérieure de Physique et Chimie Industrielles de la Ville de Paris.

SCIENTIFIC COMMITTEE

Vincent DARCOS
GFP / Université de Montpellier

Nathalie DELAUNAY
AFSEP / ESPCI

Marion GABORIEAU
GFP / Karlsruhe Institute of Technology

Laurent GERVAT
SFIP / Renault Group

Patricia KRAWCZAK
SFIP / IMT Nord Europe, Institut Mines-Telecom

LANGUAGE OF THE CONGRESS

Slides will be in English and oral presentations
in french or english (mostly in french)

CONTACT

Pauline Desportes - SFIP
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Tel: + 33 (0)1 46 53 10 74

Congress Venue

Institut Pierre-Gilles de Gennes (IPGG)
6 rue Jean Calvin,
75005 Paris



WEDNESDAY 5 NOVEMBER

08:45	WELCOME COFFEE
09:15	Congress opening
SESSION SEPARATION TECHNIQUES Chairpersons: Marion GABORIEAU - Karlsruhe Institute of Technology & Vincent DARCOS Université de Montpellier	
09:25	KEYNOTE - Heterogeneities in molecular size, molar mass, chemical composition and branching: a tale of SEC, free solution CE and biobased polymers Patrice CASTIGNOLLES – Sorbonne Université
10:00	Characterization of poly(methyl methacrylate) and polystyrene based block copolymers by liquid chromatography under limiting conditions of desorption gradient Marion ROLLET, Barbara POIRSON, Baptiste CARON, Yohann GUILLANEUF, Didier GIGMES – Institut de Chimie Radicaleire
10:25	2 min 2 slides
10:40	COFFEE BREAK
SESSION CHROMATOGRAPHY & SPECTROSCOPY Chairpersons: Marion GABORIEAU - Karlsruhe Institute of Technology & Vincent DARCOS Université de Montpellier	
11:25	GPC-FTIR: an advanced technique for analyzing challenging polymers Adrian BOBORODEA – Certech, Stephen O'DONOHUE, Alan BROOKES - Agilent Technologies LDA UK, Fabian ZIESCHANG - Agilent Technology Australia, Alexandru BOBORODEA - UCLouvain
11:50	The potential of low-field benchtop NMR in polymer characterization Marion GABORIEAU, Markus MATZ, Johanna TRATZ, Anika GOECKE, Carlo BOTHA, Michael POLLARD, Manfred WILHELM – Karlsruhe Institute of Technology (KIT)
12:15	Real-time monitoring of polymer blend extrusion using inline process Raman analyzer Florent JEGO – Thermo Fisher Scientific
10:25	SFIP'S STUDENT PRIZE AWARD CEREMONY
12:50	LUNCH IN THE EXHIBITION AREA
14:20	KEYNOTE – Mechanisms of deformation, damage and fracture by using 4D imaging - Specific considerations for FE modelling Lucien LAIARINANDRASANA, Henry PROUDHON, Thilo MORGENEYER, Cristian OVALLE – Mines Paris - PSL
SESSION TDA & SEPARATIONS Chairpersons: Nathalie DELAUNAY - AFSEP / ESPCI & Laurent GERVAT – Renault Group	
14:55	Characterization of polymers by Taylor dispersion analysis and capillary electrophoresis: two sides of the same coin Hervé COTTET – IBMM, Université de Montpellier
15:20	Characterization of polymer nanoparticles: a multi-technique approach and a critical standpoint Anne-Françoise MINGOTAUD, Stéphane GINESTE, Barbara LONETTI, Christophe MINGOTAUD, Lucie PERQUIS, François COUDERC, Damien ALLOYEAU, Jean-Luc PUTAUX, Eléonore HALLYNCK, Marie HENNETIER, Axel KATTAR – Lab Softmat
SESSION APPLICATIONS Chairpersons: Nathalie DELAUNAY - AFSEP / ESPCI & Laurent GERVAT – Renault Group	
15:45	The contribution of polymers analysis to the automotive industry Nathalie BARROIS, Perle BOYEKA, Jean-Marc AURIAU, Florence MACHADO, Nicoleta MATEESCU – Renault Group
16:10	Decoding the analytical challenges of contemporary art Nathalie BALCAR – Centre de Recherche et de Restauration des Musées de France
16:35	CONCLUSION OF THE CONGRESS
16h40	COFFEE IN THE EXHIBITION AREA
17:30	END OF THE DAY

EXHIBITION

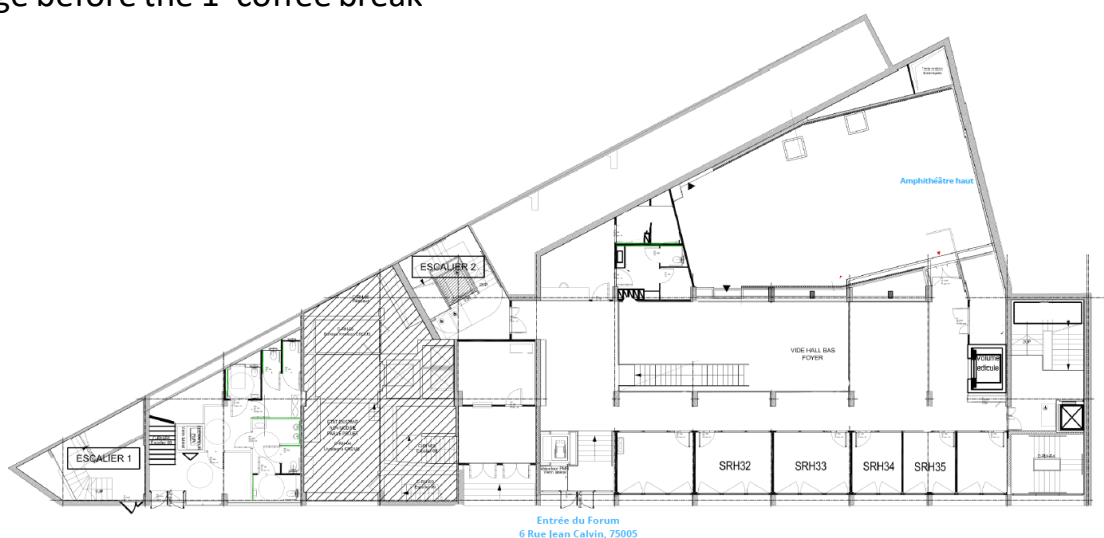
During the congress, an exhibition will be held.

All coffee breaks and the lunch will take place in the exhibition allowing attendees and exhibitors to ex-change in a friendly atmosphere.

BOOTH

500 € TTC

- 2 entrances
- 1 table (without tablecloth)
- 2 chairs
- 1 kakemono (provided by the exhibitor)
- 2'// 2 slides on stage before the 1st coffee break



For more information

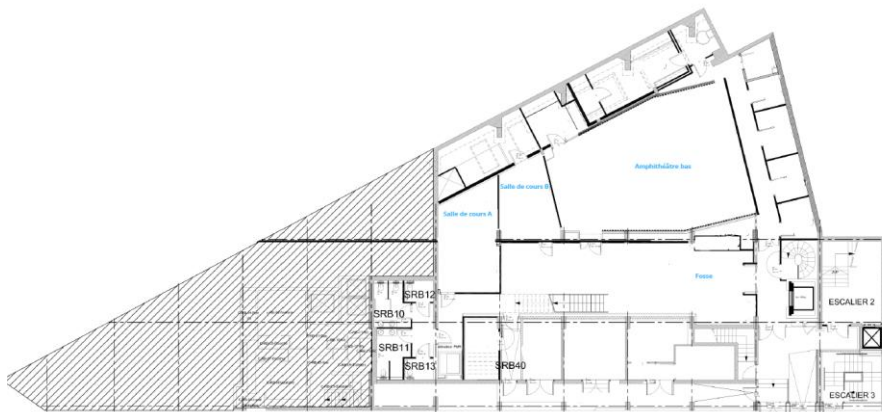


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REGISTRATION INFORMATION

REGISTRATION ONLINE

[Online payment](#)

Rates (VAT incl.)	
Member rate SFIP - AFSEP – GFP – ESPCI Members	60 € TTC
Non member rate	85 € TTC
Co-author	40 € TTC
Student (<i>for the conferences only, Subject to availability</i>)	Free

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MODALITÉS D'INSCRIPTION

- Les frais d'inscription comprennent l'accès aux conférences, la documentation, le déjeuner & pauses.
- Dès réception de votre inscription, nous vous ferons parvenir une facture. Merci de nous indiquer l'adresse de votre service comptabilité si nécessaire.
- Jusqu'au **4 octobre 2025**, vous pouvez annuler votre inscription par écrit. Au delà, la totalité des frais restera due aux organisateurs. Les participants ont la possibilité de se faire remplacer, uniquement sur demande écrite.
- Des photos/vidéos seront prises durant cet événement. En vous inscrivant, vous acceptez qu'elles soient utilisées par la SFIP (réseaux sociaux, site Internet etc.). Si vous vous y opposez, merci de nous le préciser en renvoyant un mail à pauline.desportes@sfip-plastic.org

REGISTRATION CONDITIONS

- Registration fees include participation in the conference, documentation, lunch & break.
- When we have received the registration form, we will send you a confirmation message and an invoice. Please indicate the accounts department address when necessary.
- Till **4th of October 2025**, you can cancel your registration in a written form. After this date, the entire registration will be retained. Registered participants not able to attend may nominate a substitute and inform us in a written form.
- Photos and videos will be taken during this event. By registering, you agree to their use by the SFIP (social media, website, etc.). If you object, please let us know by sending an email to pauline.desportes@sfip-plastic.org

USEFUL INFORMATION

CONGRESS VENUE

Institut Pierre-Gilles de Gennes (IPGG)
6 rue Jean Calvin,
75005 Paris

[ACCESS MAP](#)



LANGUAGE OF THE CONGRESS

Slides will be in English and oral presentations in french or english. Simultaneous translation via AI will be offered (via subtitles).

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ACCOMODATION

Find your accommodation

