48th
International Colloquium of GFP

Monday - Friday
25-29 November
2019

Mulhouse, KinePolis Conferences Center
On behalf of the Board of Directors of the French Polymer Society, we are pleased to invite you to Mulhouse, France, to attend the 48th International Colloquium of GFP, Monday - Friday, 25th November - 29th November 2019. This year, the colloquium will be characterized by an international dimension, thanks to the privileged location of Mulhouse, at the border with Germany and Switzerland. We expect between 150 and 180 attendees from a wide range of backgrounds and countries, and from universities, research centers or industry, to report on the most recent advances in domains linked to polymers (synthesis, characterization, processing, properties, applications). Five major topics will be specifically addressed during this meeting: Polymers and light, Polymer interfaces and (nano)composites, Macromolecular and supramolecular engineering, Polymers and sustainable development, Polymer materials: from structure to properties.

**International organizing committee**
- Dr. Jörg Baschnagel (Strasbourg)
- Dr. Michel Bouquey (Strasbourg)
- Pr. Maurice Brogly (Mulhouse)
- Pr. Christophe Chassenieux (Le Mans)
- Pr. Jean-François Gérard (Lyon)
- Dr. Sophie Guillaume (Rennes)
- Pr. Yves Grahehs (Lorient)
- Dr. Vincent Lademiel (Montpellier)
- Dr. Jörg Lahann (Karlsruhe)
- Pr. François Lequeux (Paris)
- Pr. Ralf Mulhaupt (Freiburg)
- Dr. Bastian Rapp (Freiburg)
- Pr. Gunter Reiter (Freiburg)
- Dr. Julien Thuilliez (Clermont-Ferrand)
- Pr. Christof Weder (Fribourg)
- Prof. Manfred Wilhelm (Karlsruhe)
- Pr. Dominik Woll (Aachen)

**Local organizing committee**
- Dr. Stéphane Mery (ICS, Strasbourg)
- Dr. Julien Polly (IS2M, Mulhouse)
- Dr. Philippe Mesini (ICS, Strasbourg)
- Pr. Eric Pellet (ICPEES, Strasbourg)
- Pr. Xavier Coqueret (ICMR, Reims)
- Pr. Christelle Kowandy (ICMR, Reims)
- Dr. Lavinia Balan (IS2M, Mulhouse)
- Dr. Dimitri Ivanov (IS2M, Mulhouse)
- Dr. Olivier Soppera (IS2M, Mulhouse)
- Dr. Florence Bally-Le Gall (IS2M, Mulhouse)
- Dr. Arnaud Spangenberg (IS2M, Mulhouse)
- Dr. Abraham Chemtob (IS2M, Mulhouse)
- Dr. Khalid Ferjii (LCPM, Nancy)
- Dr. Philipp Kunemann (IS2M, Mulhouse)
- Dr. David Ruch (LIST, Luxembourg)
- Pr. Boris Lakard (UTINAM, Besançon)
- Pr. Cécile Nouvel (LRGP, Nancy)
- Pr. Jacques Lalevee (IS2M, Mulhouse)
- Pr. Vincent Roucoules (IS2M, Mulhouse)
- Christelle Portier (IS2M, Mulhouse)
- Dr. Fabrice Morlet-Savary (IS2M, Mulhouse)
- Pr. Laurent Vonna (IS2M, Mulhouse)

**Important deadlines**
- Abstract submission: Oral & Poster, September 20th, 2019 - Late abstract (only Poster), October 14th, 2019
- Registrations: Regular registration, November 4th, 2019

**Organizing secretariat**
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Phone: (+33) 3 89 60 87 03 - Email: gfp2019.is2m@uha.fr - https://gfp2019.sciencesconf.org/
16:00 Riccardo Pedron
Programmed drug release via rolled-up biopolymer

16:03 Marion Brosset
Controlling the surface crystallization and orientation of biopolymers

16:06 Jihane Mzoughi
Characterization of bovine gelatin films reinforced by DHT crosslinking for drug release: Preliminary study

16:09 Kenane Abdelbassat
Synthesis and characterization of semi-conducting polymers based on aniline and/or o-anisidine: Optical and electrical properties

16:12 Wiktoria Tomal
New biphenyl and terphenyl derivatives as high-performance photoredox systems dedicated for various photopolymerization processes

16:15 Mylan Lam
A simple Way to graft bioactive polymers on silicone implants to improve the biological response

16:18 Douriya Khedaioui
Polyethylene aerogels combining physical and chemical crosslinking for improved mechanical resilience.

16:21 Ting Shi
Synthesis of Ionic Liquid Core/Silica Shell Microcapsules as Functional Agents of Epoxy Networks
3 min Pitches - *Session 2* - Tuesday 26 November

16:00 **Syrine Jebali**
Spatio-temporal study of poly(maleic anhydride) plasma deposition using a macroscopic description

16:03 **Nghia Le Huu**
Studying the morphogenesis of nanostructures in maleic anhydride plasma polymer films formed on chemically different surfaces

16:06 **Layla Gripon**
Contribution to valorisation and recycling of WEEE derived-plastics containing brominated flame retardants

16:09 **Mehdi Belqat**
Investigation of the nanomechanical properties of 3D printed microstructures

16:12 **Xingyu Wu**
Direct Laser Writing of Hybrid SiO2/Metal Oxide- and Metal Oxide Microstructures with Tunable Optical or Magneto-Optical Properties

16:15 **Vitalii Tkachenko**
Core-Shell Diblock Copolymer Nanoparticles as Template for Mesoporous Carbons

16:18 **Wasif Razzaq**
Microfluidic Assisted Synthesis of Polymeric Microfibers

16:21 **Fannie Le Floch**
16:00  Alexandre Mau
Donor-acceptor-donor structured thioxanthone derivatives as visible photoinitiators

16:03  Lucas Sixdenier
Towards the design of light-responsive polymer-based capsules for the release of biomolecules

16:06  Farid Kameche
Plasmon-triggered living photopolymerization for elaboration of hybrid polymer/metal nanoparticles

16:09  Lin Ching-Fu
Using polymer based organic photodetector to form a low-cost and sensitive vertically-stacked gaseous formaldehyde sensing system

16:12  Guillaume Noirbent
Ferrocenes as photoredox catalysts for polymerization under visible to NIR lights

16:15  Boris Metral
Three-component photocyclic initiating system for efficient DLP 3D printing

16:18  Mohammed Mouzali
Shrinkage of dental composites

16:21  Mira Abdallah
Development of New High-Performance Photoinitiating Systems for Near UV and Visible light for the Photopolymerization of Monomers Issued by Oil Industry and their Applications in 3D Printing Technology, Photocomposites Synthesis and Hydrogels Formation
3 min Pitches - Session 4 - Thursday 28 November

16:00 Kenane Abdelbassat
Hybrid semi-conducting materials based on aniline and/or 2-methoxy aniline: synthesis, characterization and electroactive effect

16:03 Chaima Brahmi
Development of new polyoxometalates/polymer for photodegradation of organic pollutants

16:06 Marine Dabert
Light-assisted synthesis of metal nanoparticles and nanocomposites: an efficient green approach to obtain smart nanomaterials

16:09 Mariem Ghali
Photoactive POM/polymer nanocomposites for photodegradation of organic dyes

16:12 Tuan Nguyen Ngoc
Grafting styrene sulfonate groups on biodegradable polymer to enhance bioactivity and hydrophilicity through ozone-induced mechanism

16:15 Youcef Khadri
The effect of damping on vibrations of strengthened beams by composite coats under moving load

16:18 Guerchoux Morgane
Nanodiamonds coated by a layer of polyethylene imine: an efficient material for optical power limiting

16:21 Medhi Vahdati
Polyelectrolyte complex coacervates as soft underwater adhesives