

**48<sup>th</sup>**  
**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. Jorg Baschnagel (Strasbourg)  
Dr. Michel Bouquay (Strasbourg)  
Pr. Maurice Brogly (Mulhouse)  
Pr. Christophe Chassenieux (Le Mans)  
Pr. Jean-François Gérard (Lyon)  
Dr. Sophie Guillaume (Rennes)  
Pr. Yves Grohens (Lorient)  
Dr. Vincent Ladmiral (Montpellier)  
Dr. Jörg Lahann (Karlsruhe)  
Pr. François Lequeux (Paris)  
Pr. Rolf Mulhaupt (Freiburg)  
Dr. Bastian Rapp (Freiburg)  
Pr. Gunter Reiter (Freiburg)  
Dr. Julien Thuilliez (Clermont-Ferrand)  
Pr. Christop Weder (Fribourg)  
Prof. Manfred Wilhelm (Karlsruhe)  
Pr. Dominik Wöll (Aachen)

#### **Local organizing committee**

Dr. Stéphane Mery (ICS, Strasbourg)  
Dr. Julien Poly (IS2M, Mulhouse)  
Dr. Philippe Mesini (ICS, Strasbourg)  
Dr. Eric Pollet (ICPEES, Strasbourg)  
Pr. Xavier Coqueret (ICMR, Reims)  
Dr. 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 Ferji (LCPM, Nancy)  
Philippe 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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## 3 min Pitches - *Session 1* - Monday 25 November

**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 Wiktorija 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 SiO<sub>2</sub>/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**

Targeted Drug Delivery Systems: From Thiolated Chitosan Polyelectrolyte to Layer-by-Layer Redox-Responsive Self-assembly Capsules

## 3 min Pitches - *Session 3* - Wednesday 27 November

**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

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