

MC20: Polymers & Neutrons

Organisateurs : Olivier Sandre (LCPO Bordeaux), Elise Deniau (IPREM Pau/IMM Le Mans), Julian Oberdisse (L2C Montpellier), Clémence Le Cœur (ICMPE Thiais/LLB Saclay), Alexis Chennevière (LLB Saclay), Caroline Genix (L2C Montpellier), Jérôme Combet (ICS Strasbourg)

Jeudi 25 août – 17h00- 18h45

17:00 - 17:25 Studies of conformations and deformation behaviors of polymers in bulk using SANS

INVITÉ Annie Brûlet
Laboratoire Léon Brilloion, UMR 12 CNRS, CEA Saclay, Gif-sur-Yvette, France.
MC20-1 *annie.brulet@cea.fr*

17:25 - 17:40 Preparation and behavior of grafted and ungrafted chitosan thin films: swelling and bacterial adhesion

MC20-2
Cyrielle Garreau, Mamoudou Diallo, Leonardo Chiappisi, Samantha Micciula, Didier Lairez, Stéphane Trombotto, Thierry Delair, **Guillaume Sudre**
Ingénierie des Matériaux Polymères, UMR 5223 CNRS Univ Claude Bernard Lyon 1, INSA Lyon, Univ Jean Monnet, Villeurbanne, France. guillaume.sudre@univ-lyon1.fr

17:40 - 17:55 Drastic decrease of solvent quality in polymer solution induced by small nanoparticles

MC20-3
Nicolas Jouault, Mike Crawford, Sanat Kumar
Laboratoire PHENIX, UMR 8234 CNRS, Sorbonne Université, Paris, France.
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17:55 - 18:20 Neutron scattering study of polymer microgels

INVITÉ
Thomas Hellweg
Universität Bielefeld, Germany. thomas.hellweg@uni-bielefeld.de
MC20-4

18:20 - 18:35 In situ dialysis monitoring of block copolymer self-assembly by time-resolved SANS

MC20-5
Martin Fauquignon, Lionel Porcar, Annie Brûlet, Marc Schmutz, Jean-François Le Meins, Olivier Sandre, Jean-Paul Chapel, **Christophe Schatz**
Laboratoire de Chimie des Polymères Organiques, UMR 5629 Université de Bordeaux, CNRS, Bordeaux INP, Pessac, France. christophe.schatz@enscbp.fr

18:35 - 18:50 Interfacial polymer gradients in nanocomposites studied by small-angle scattering

MC20-6

Julian Oberdisse, Anne-Caroline Genix

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