

Confirmed Speakers

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Multi-scale Investigation of Elastomer Fracture: from Molecules to Mechanics



Prof. Constantino CRETON
(ESPCI, Paris, France)

Living Therapeutic Materials: Self-Replenishable Drug Depots



Dr Aránzazu DEL CAMPO
(INM INSTITUTE, Saarbrücken, Germany)

Solide Polymer Electrolytes for Lithium Metal Batteries



Prof. Didier GIGMES
(AIX-MARSEILLE UNIVERSITY, Marseille , France)

Spatiotemporal Control of Enzyme-Assisted Self-Assembly: from Catalytic Flow Reactors to the Microstructuration of Hydrogels



Prof. Loic JIERRY
(INSTITUT CHARLES SADRON, Strasbourg, France)

Plastics: Learnings from their too Massive Success to Create a Sustainable Tomorrow!



Dr Philippe REUTENAUER
(ENDLESS, Le Poiré-sur-vie, France)

Radical Cure Technology on the Move



Dr Patrice ROOSE
(ALLNEX, Drogenbos, Belgium)

On Complex(ed) Relations: The Power and Peculiarities of Nanoscopic Polymer Coacervates



Prof. Ilja VOETS
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

Confirmed Oral Communications

Linear and Nonlinear Viscoelasticity of Supramolecular Chains with Sticky Side Groups

Mr Alexis ANDRÉ
(UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Ottignies-Louvain-la-Neuve, Belgium)

Formation of Tough Uniform Hydrogels Triggered by Visible Light

Ms Mariana ARREGUIN CAMPOS
(UNIVERSITEIT HASSELT, Hasselt, Belgium)

Confirmed Speakers

Introducing Vitrimers in Solid Polymer Electrolytes for High Performance Li-metal Batteries

Ms Carla BARAKAT
(UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-neuve, Belgium)

Continuous Flow Formulation of Biodegradable Polymer Microparticles for Drug Delivery

Mr Jérémie CAPRASSE
(UNIVERSITÉ DE LIÈGE, Liège, Belgium)

Development of Biopolymer-based Ink Formulations for Liver Tissue Engineering



Mr Nathan CARPENTIER
(GHENT UNIVERSITY, Gent, Belgium)

Poly(oxazolidone)s as the Next Generation of Non-isocyanate Polyurethanes: A Novel Approach toward Recyclable Advanced Materials

Mr Thomas HABETS
(UNIVERSITÉ DE LIÈGE, Liege, Belgium)

(SANOFI-AVENTIS DEUTSCHLAND GMBH)

Development of Cationic Polyethylenimine Analogues for Gene Delivery

Ms Ine MERTENS
(GHENT UNIVERSITY, Ghent, Belgium)

Tailoring PLA/PEG Blends for 3D Printing Towards Porous Scaffold

Mr Quentin PAPELOER
(UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-Neuve, Belgium)

Tailoring of Novel Benzoxazine-based Thermosetting Matrices Incorporating Carbonaceous Particles for Innovative Broad-range Piezoresistive Pressure Sensors

Mr Hugo PUOZZO
(UMONS, Mons, Belgium)

Sequencing Synthetic Macromolecules: from Dedicated Software Tools to Depolymerization

Mr Matthieu SOETE
(UGENT, Gent, Belgium)

Sustainable Applications of Innovative Biobased Organic Network

Mr Louis VAN RENTERGHEM
(UMONS, Mons, Belgium)

Validation of a 1D Dynamic Thermal Finite Difference Model for the Rotational Moulding of an Amorphous Polycarbonate Resin

Mr Maxim VANDAELE
(KU LEUVEN, Sint-Michiels, Belgium)

Does Structure Really Matter? Visualization, Implications and Avoidance of Homocoupling in Organic Semiconducting Polymers

Mr Jochen VANDERSPIKKEN
(HASSELT UNIVERSITY, Diepenbeek, Belgium)