

Project Meeting & Mid-Term Check

Date : Monday 6th of May – Tuesday 7th of May 2019

Venue : **DTU** - Technical University of Denmark - Anker Engelunds Vej 1 - 2800 Kgs. Lyngby - Denmark

Building 202 – Room : R1005

Agenda

6th of May 2019

Project Meeting

9.00 – 10.00 Lecture by **Zuowei Wang (University of Reading, UK)**

10.00 – 10.30 *Coffee break*

Synthesis and Dynamics of reversible polymer networks based on sticky chains

10.30 – 11.00 Rheological and mechanical properties of polystyrene with hydrogen bonding and ionic bonding, Wendi Wang (DTU)

11.00 – 11.30 Rheological study of linear copolymer and dual crosslinks system, Consiglia Carillo (FORTH)

11.30 – 12.00 Design and Characterization of Novel Double Dynamic Networks (DDNs) Based on Reversible Covalent Bonds, Larissa Hammer (ESPCI)

12.00 – 12.30 Synthesis and dynamics of model supramolecular polymer networks, Clément Coutouly (UCLouvain)

12.30 – 13.00 Modeling the sticky Rouse model with periodic boundary conditions, Hongwei Liu (UN)

13.00 – 14.00 *Lunch break*

Mid-Term Check

14.00 – 14.05	Introduction: Short introduction by the REA Project Officer and the Project Coordinator on the purpose of the meeting.
14.05 - 14.20	Tour de table: All scientists-in-charge should briefly present their research team and describe their role within the network. Introduction of the Partner Organisations
14.20 - 14.40	REA Project officer presentation: presentation on the monitoring of project implementation, reporting and purpose of the mid-term check
14.40 – 15.20	Coordinator's report: Presentation of the Network and the progress covering the following aspects: Management • Recruitment report; • Deliverables; • Milestones; • Ethical issues, if applicable; • Management meetings (activities of the Supervisory board, etc.); • Financial aspects (if necessary); • Critical implementation risks and mitigation actions; • Any proposed re-orientations of the networks' activities. • Document management and Open Research Data, if applicable
15.20– 15.45	<i>Coffee break</i>
15.45– 17.00	Fellows' individual presentation: Every fellow funded by the project will present herself/himself, his background and present his/her individual research project (foreseen research, training, secondments, etc.). Scientific results are not expected in the presentations at this stage of the project (<i>5 min per ESR</i>)

Project Meeting

Structure and Mechanical properties of elastomers

17.00 – 17.30	Diffusing wave spectroscopy in elastomer fracture, Jianzhu Ju (ESPCI)
17.30 – 18.00	Soft Thermoplastic Elastomer: influence of composition and molecular weight on mechanical properties, Simone Sbrescia (DSM/UCLouvain)

7th of May 2019Venue : **DTU – Room : Lounge in Building 229 -For Restricted sessions: Building 229 - Room 009****Mid-Term Check**

09.00 – 10.30	Restricted session with the fellows (<i>only Project Officer and all the ESR</i>) Governing Board Meeting (<i>members of the Governing Board</i>)
10.30 – 10.45	Restricted session (<i>Meeting between the coordinator and Project Officer to discuss any issue</i>)
10.45 – 11.15	<i>Coffee break</i>
11.15 – 12.00	Feedback and open discussion: Feedback from the REA Project Officer on the output of the network so far, on possible training areas for future exploitation or the impact on fellows' future careers development (<i>all members of the network</i>)
12.00 – 13.00	<i>Lunch break</i>

Project Meeting

13.00 – 13.30	Synthesis and dynamics of double networks based on slide-ring materials, Rowanne Lyons (UCLouvain)
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Structure and Dynamics of metallo-supramolecular star polymers

13.30 – 14.00	Structure and diffusion in DDNs at the nano- to micro- scale, Paola Nicolella (UM)
14.00 – 14.30	Non Linear Viscoelastic Response Of Metallo-Supramolecular polymeric networks (in melt state), Christina Pyromali (FORTH)
14.30 – 15.00	Blend two metal-ligand crosslinks with distinct relaxation modes in telechelic star polymer, Yanzhao Li (UCLouvain)
15.00 – 15.30	<i>Coffee break</i>

Reversible gels and microgels

15.30 – 16.00	Elasto-capillary effect in double dynamic networks, Carole-Ann Charles (CNRS Montpellier)
16.00 – 16.30	Repulsive vs associative microgels, Stefania Traettino (ESPCI)
16.30 – 17.00	Question and answer session and wrap-up (<i>E. van Ruymbeke, UCLouvain</i>)