

### 20 April 2021 UTC/GMT +2

**8:00-8:30** – Accomodation and opening by Prof. Philippe Dubois

**8:30-9:00** Prof. Hong Fan (Zhejiang Univ, China): *Novel silicone containing biobased epoxy resins structure control, preparation and application*

**9:00-9:20** Mr. Yuquan Cai (Zhejiang Univ, China): *The synthesis of  $\alpha,\omega$ -dioctenyl polysiloxane and its copolymerization with ethylene to prepare Long-chain-branched polyethylene*

**9:20-9:50** Prof. L. Bonnaud (Materia Nova, Belgium): *New thermoset materials based on benzoxazine chemistry*

**9:50-10:10** Mr. N. Baleine (UMONS, Belgium): *Development of personalized touch sensor toward 3D printing*

**10:10-10:15** break

**10:15-10:45** Prof. Min Lin (Zhejiang Univ): *Functional polymers for energy storage materials*

**10:45-11:05** Mr. Wei Jiang (Zhejiang Univ): *Challenges and recent progress of sulfide-based all-solid-state batteries*

**11:05-11:35** Prof. G. Lo Re (Chalmers Univ, Sweden): *Topochemical modifications and melt processing strategies for improved dispersion of nanocellulose in biodegradable polyesters*

**11:35-11:55** Miss A. Avella (Chalmers Univ, Sweden): *Water-assisted crosslinking of poly( $\epsilon$ -caprolactone)/cellulose nanocrystals biocomposites via reactive melt processing*

This workshop is free and aims to strengthen the communication and cooperation between China and Europe research institutions. Please connect [Rosica.MINCHEVA@umons.ac.be](mailto:Rosica.MINCHEVA@umons.ac.be) (Belgium) or [jieyuanzheng@zju.edu.cn](mailto:jieyuanzheng@zju.edu.cn) (China) to register by sending your contact information. The link to each session will then be sent back

### 21 April 2021 UTC/GMT +2

**8:30-9:00** Prof. O. Stoylova (IP-BAS, Bulgaria) : *Electrospun poly(3-hydroxybutyrate)-based hybrid materials: Design and potential applications*

**9:00-9:20** Miss C. Magnani (UMONS, Belgium): *Interphase design of cellulose nanocrystals/ poly(hydroxybutyrate-ran-valerate) bionanocomposites for mechanical and thermal properties tuning*

**9:20-9:50** Prof. Pingwei Liu (Zhejiang Univ, China): *Controlled Assembly of 2D Polymers into Complex Micro-Nano Structures*

**9:50-10:10** Ms. Lei Lai (Zhejiang Univ, China): *Enhancement on Mechanical Properties of Biodegradable Poly(butylene adipate-co-terephthalate)*

**10:10-10:15** break

**10:15-10:45** Prof. J.-M. Raquez (UMONS, Belgium): *Design of bioactive composite materials made of bioresorbable poly(L,Lactide): from extrusion to plasma treatments*

**10:45-11:05** Miss M. Ben Abdeljawad (UMONS, Belgium): *Interfacial Compatibilization of PLA/Mg Biocomposites for Bioresorbable Bone Implants*

**11:05-11:35** Prof. Haojie Yu (Zhejiang Univ, China): *Preparation of ferrocene-based metal organic frameworks and their applications*

**11:35-11:55** Mr. Md Alim Uddin (Zhejiang Univ): *Self-assembly and multi-stimuli-responsive performance of stable radical-functionalized nonamphiphilic nanoparticles as hydrophobic drug nanoreservior*

**11:55-12:10** – Closing remarks by Prof. Hong Fan