



OCTOBER 4TH 2021 WORKSHOP GREENER

In this project, several knowledge institutions and companies based in Belgium and the Netherlands work together to contribute to a reduction of the microplastics pollution. Within GREENER, **biobased and biodegradable** polymers are investigated as **sustainable alternatives** for the widespread and water-soluble polymer **polyacrylic acid**. In this way, the amount of microplastics that enter our environment can be reduced and only non-toxic naturally occurring compounds are released upon degradation of these polymers. Next to development of these polymers, they will also be valorized in a plethora of applications, ranging from superabsorbent materials for construction and healthcare to biomedical materials (tissue regeneration, 3D-printing of patient-specific implants), cosmetics and coating applications. We would like to invite you to this online workshop where you get to know more about this interdisciplinary project and you get the opportunity to meet all project partners during several brainstorm sessions.

PROGRAMMATION

- 13:00 – 13:20** **Opening remarks and general introduction to the project**
Assoc. Prof. Katrien Bernaerts (Sustainable Polymer Synthesis group, Maastricht University)
- 13:20 – 13:40** **Development of polyaspartate copolymers**
Sofiya Vynnytska (PhD student Sustainable Polymer Synthesis group, Maastricht University)
- 13:40 – 14:00** **Development of polyaspartate crosslinked polymers**
Lauren De Grave (PhD student Polymer Chemistry and Biomaterials, UGent)
- 14:00 – 14:20** **Pitches by the industrial partners**
- Govi
 - Millvision B.V.
 - Tenco DDM
- 14:20 – 14:40** **Guest lecture “3D4Med – printing of polymer implants for biomedical applications”**
Prof. Jean-Marie Raquez (project leader, UMONS)
- 14:40 – 15:00** **Guest lecture “From concrete to high-quality concrete”**
Prof. Hubert Rahier (project leader, VUB)
- 15:00 – 15:30** **Break**
- 15:30 – 17:00** **Brainstorm sessions**
You can register for two topics from the list below for the brainstorm sessions with the project partners
- Superabsorbents
 - Coatings
 - Biomedical materials
 - Processing via 3D-printing, electrospinning, etc.

Whom?

Industry, public and private knowledge institutions

Where?

Online event (Zoom)

When?

October 4th 2021, from 1pm to 5pm

Registration fee?

Free of charge

Registration is mandatory and possible until 27/09/2021 via

<https://forms.gle/E M7ZSmGkCMNABq bV6>

More information on the project can be found via <https://www.green erpoly.eu>

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