

## Planning 1: Overview lectures by distinguished researchers in the world textile engineering



**Dr. Hendrikus A. Visser**  
(Avantium Renewable Polymers  
Netherlands)

### 1. Lecture topic:

The influence of processing conditions on the behavior during and performance after stretching of poly (ethylene furoate).

### 2. Lecture style:

On-line via Zoom

### Speakers Biography

Roy Visser is group leader of the Application Development team at Avantium Renewable Polymers BV. Avantium Renewable Polymers BV is commercializing its technology to catalytically convert sugars into FDCA, which can be polymerized to PEF; a 100% bio-based polyester with superior barrier and mechanical properties when compared to PET. Before joining Avantium in 2015, Roy has worked as an assistant professor in polymer engineering at the University of Twente for six years. He holds a PhD degree in polymer engineering and a MSc degree in mechanical engineering.

At Avantium Roy and his team are responsible for the fundamental understanding of the interplay between material, processing and design on the performance of end products and the translation of this knowledge in the form of support to the customers and feedback to the polymerization team. In addition Roy is responsible for the development of PEF recycling technologies.