

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



**Prof. Vincent Nierstrasz**  
(Professor, Department of Textile  
Technology, University of Borås)

- 1. Lecture topic:**  
**Resource effective processes for functional and smart textiles.**
- 2. Lecture style:**  
**On-line via Zoom**

### Speakers Biography

Vincent Nierstrasz is a professor in Textile Materials Technology at the Swedish School of Textiles at the University of Borås since November 2011.

Prof. dr. ir. Nierstrasz was previously appointed at Ghent University in Belgium as senior researcher and Marie Curie fellow and at the University of Twente in The Netherlands as assistant professor. He holds a PhD degree from Delft University of Technology, and a MSc degree from Wageningen Agricultural University.

His research focuses on in surface modification and surface functionalisation of textile materials for production functional and smart textiles (via e.g. catalysis, biocatalysis, coating, printing, 3D printing, inkjet), textile and polymer biotechnology. An important research domain of the research group Textile Materials Technology is resource effective processing. An example is the Erasmus Mundus program SMDTex (Sustainable Management and Design for Textiles), which has a focus on resource effective production of smart and functional textiles and the Crosstexnet project DigiFun.

He was involved in several European (Crosstexnet, FP5, FP6, FP7 and H2020), nationally and industrially funded projects.

He is also a foreign member of the Royal Holland Society of Sciences and Humanities (KHMW).