



**Assoc. Prof. Dr. Julija
Volmajer Valh**

Lecture title:
***»Application of Infrared
Microspectroscopy in Textiles«***

Assoc. Prof. Dr. Julija Volmajer Valh, is employed at University of Maribor, Faculty of Mechanical Engineering, Institute for Engineering Materials and Design. She has collaborated and lead work packages in several scientific and professional EU, national and bilateral projects (FP6 ADOPBIO; FP7 AquaFit4Use, H2020 Resyntex, E!4477-TT4TXT). She has published around 100 scientific and conference papers in the fields of organic synthesis, wastewater treatment, preparation of micro/nano capsules and nanospheres for targeted drug delivery. Her current research work focuses on chemical recycling of polymer and textile waste.



**Assist. Prof. Dr. Manja
Kurečič**

Lecture title:
***»Electrospinning – technology for
production of functional materials«***

Assist. Prof. Dr. Manja Kurečič, is employed at the University of Maribor, Faculty of Mechanical Engineering, Institute for Engineering Materials and Design. In 20 years of her research work, she participated in numerous national, international (bilateral, EraNet, Horizon) and applied project. Her research mainly focuses on polysaccharide materials (cellulose and its derivatives, chitosan, alginate) with various active substances or particles incorporated (silicates, natural extracts, zeolites, nanocellulose, active pharmaceuticals, pH-sensor dyes, etc.). Currently she is a project leader of national ARRS project as well as EraNet project dealing with the electrospinning of polysaccharide materials with diverse functional properties. She has published more than 100 scientific and conference papers in the field of electrospun nanofibrous materials` development for biomedical, agricultural and filtration applications.