



University of Zagreb
Faculty of Textile Technology (TTF) and AMCA TTF

invite you to a

SCIENTIFIC LECTURE

entitled

„Presentation of the University of Maribor, Faculty of Mechanical Engineering and studies at the Department of Textile Materials and Design“

by

Assoc. prof. **Andreja Rudolf**, PhD and Assoc.prof. **Sonja Šterman**

on Tuesday, 26th April 2022 at 14:00
lecture hall **A - 101**, Prilaz baruna Filipovića 28a, Zagreb

Abstract:

The University of Maribor and its faculties will be presented with a focus on the home Faculty of Mechanical Engineering, its institutes, centers and chairs that take care of the implementation of various study programs. The activities of the Institute of Engineering Materials and Design and its laboratories, as well as the Department of Textile Materials and Design, which takes care of the implementation of undergraduate and postgraduate study programs in the field of textile materials and design, will be presented in more detail. This will be followed by a presentation of design studies and extracurricular activities, which encourage students to acquire additional knowledge and competencies. The field of design will be presented through examples designed for fashion shows, exhibitions, very often in collaboration with industry and within the framework of various projects. The students products are usually designed by several subjects with the help of several supervisors who collaborate from the initial ideas, through research and design, to prototyping, trying to find the best way to produce their own models.

Biography:

Andreja Rudolf is Associate Professor at the University of Maribor, Faculty of Mechanical Engineering of Maribor, Chair of Textile Materials and Design in the field of Textiles and Deputy Head of the Institute of Engineering Materials and Design, Maribor, Slovenia. Her research interests are focused on the development of personalized functional garments for different needs by using the 3D human body scanning, reconstruction of 3D body models (postures), virtual prototyping and visualization of garments, as well as smart garments, and e-learning. Her bibliography contains more than 330 items, among them are scientific articles, scientific articles at conferences, invited lectures at scientific conferences, independent scientific chapters in monographs, invited lectures at foreign universities, reviews for international scientific journals, and reports from national or international research projects. In addition, her bibliography is rich of professional contributions, professional educations, and contains numerous mentorships and co-mentorships to students during their studies and their extracurricular activities, as well as she is the author of study materials, and editor and/or graphic designer of different materials.

Sonja Šterman is Associate Professor at the University of Maribor, Faculty of Mechanical Engineering of Maribor, Chair of Textile Materials and Design in the field of Design; Deputy Head of the Chair of Textile Materials and Design and Head of the Laboratory of Product Design. She has experience in teaching various subjects related to fashion, textile, accessory, and product design. She focuses on the theory of sustainable and multifunctional design. Before her academic career, she worked as a fashion designer for Mura, Rasica and Elos Escada companies. She also specialized in designing uniforms for companies, societies and ministries. Her work is dedicated to the combination of theory and practice, especially in terms of collaboration with companies. She supervised the collaboration with the companies Alpina, Kauch, Spirit Slovenia and others. Her bibliography includes almost 300 items, including scientific and professional articles, but most of them concern designing collections for the fashion industry and for various clients, where technical documentation is important in addition to design.