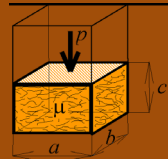
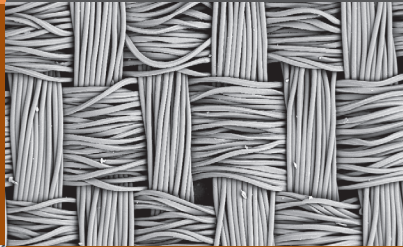
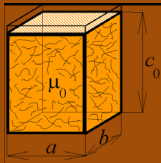


Pocket Programme

24th International Conference STRUTEX

International
Ph.D. Students Day

2. 12. 2024
Building B, 2nd floor
Liberec, Czech Republic



Monday 2 December 2024

Building B

08:00 - 08:55 Registration (Room PC2, 2nd floor)

09:00 - 09:10 **Lenfeld Petr** (Vice-rector of Technical University of Liberec)
Bajzík Vladimír (Dean of Faculty of Textile Engineering TUL)
Neckář Bohuslav (President of the Conference)
Kolčavová Sirková Brigita (Head of KTT Department)

OPENING OF THE PHD DAY (Room PC2, 2nd floor)

09:10 - 12:00 **Kyosev YK** (Invited Lecture)
PYTEXTLIB – OPEN SOURCE PYTHON LIBRARY FOR SCRIPTING TEXTILE STRUCTURES.
From analytical to extended numerical modelling in the textile science.

12:00 - 13:00 Lunch/Cofee Break (Room B5, 2nd floor)

ORAL PRESENTATIONS

Chairman: **Venkataraman Mohanapriya** (Room PC2, 2nd floor)

13:00 - 13:15 **Coetzee D**
SPECIAL CARBON FILLERS FOR FIBROUS COMPOSITES

13:15 - 13:30 **Hou W**
MECHANICAL DECOMPOSITION OF POLYESTER BASED WASTE TEXTILES

13:30 - 13:45 **Blatoňová K**
STUDY OF MUTUAL ADHESION OF EXTRUDED POLYMER FILAMENTS IN STRUCTURES MADE BY ADDITIVE PRINTING

13:45 - 14:00 **Vinter J**
DEVELOPMENT OF FUNCTIONALIZATION PROCEDURES FOR FIBER EXTRACTION SORBENTS TO INCREASE EXTRACTION EFFICIENCY AND SELECTIVITY

- 14:00 - 14:15** **Zhang X**
THERMOELECTRICAL BEHAVIOR OF NI-CU-PET LAYER ON FIBROUS SUBSTRATE
- 14:15 - 14:30** **Peng Q**
GREEN ONE-STEP IN-SITU REDUCTION OF GRAPHENE OXIDE/SILVER NANOPARTICLE LAYER VIA INKJET PRINTING FOR HIGH-PERFORMANCE SUPERCAPACITOR
- 14:30 - 14:45** **Kunzelmann F**
DEVELOPMENT OF A METHODOLOGY FOR UPCYCLING WORKWEAR ON AN INDUSTRIAL LEVEL
- 14:45 - 15:00** **Herz S**
SOFTWARE AUTOMATION IN THE TEXTILE INDUSTRY
- 15:00 - 15:15** **Naake A**
SCAN TO KNIT
- 15:15 - 15:30** **Sozcu S**
CELLULOSE AEROGEL IN TEXTILE COMPOSITE STRUCTURE
- 15:30 - 15:45** **Hasan MT**
INVESTIGATE CAR SEAT THERMOPHYSIOLOGICAL COMFORT AND SUSTAINABLE MATERIAL ALTERNATIVES USING SPACER FABRIC AND SPACER STITCHING
- 15:45 - 16:00** **Tören E**
PULLULAN/COLLAGEN SCAFFOLDS PROMOTE CHRONIC WOUND HEALING VIA MESENCHYMAL STEM CELLS
- 16:00** *CLOSING OF THE PHD DAY*
Registration & Welcome drink of STRUTEX conference (Room B5, 2nd floor)



ADDRESS

**Technical University of Liberec
Faculty of Textile Engineering
Studentská 2, 461 17 LIBEREC
CZECH REPUBLIC**

www.ft.tul.cz