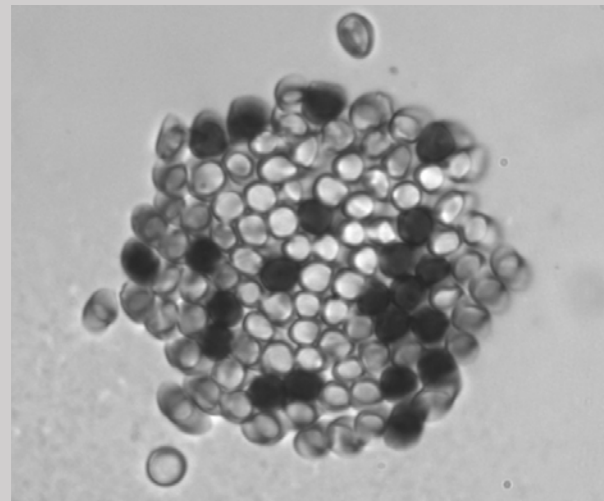


DEPARTMENT OF TECHNOLOGIES AND STRUCTURES SUMMER SCHOOL OF TEXTILE STRUCTURES, SEPTEMBER 5TH - 7TH 2022

COURSE DESCRIPTION

The Summer School offers a small tasting of textile design, production, modelling and analysis. The main topic concentrates to linear textile structures which are a part of 2D and 3D hierarchical textile. Understanding the laws, limitations and context among the linear textile structures and their other properties allow modelling and innovation of linear products and better understanding of flat or three-dimensional fabrics produced eg. by weaving or knitting for various kinds of application.

Main aim of this Summer School is to introduce the textile structure and thanks to methods learning by doing allow the participants get to know them.



OUTCOMES

- ✓ Getting acquainted with basic principles of spinning including the terms used for linear textile description.
- ✓ Creation of staple yarn for standard use.
- ✓ Design and production of linear textile for specific application.
- ✓ Modelling of selected linear textile parameters based known theories.
- ✓ Verification of selected properties of own prepared linear structures in laboratory.
- ✓ Practical experience with evaluation of selected qualitative characteristics from its cross-sections and longitudinal views via Image Analysis NIS Elements.



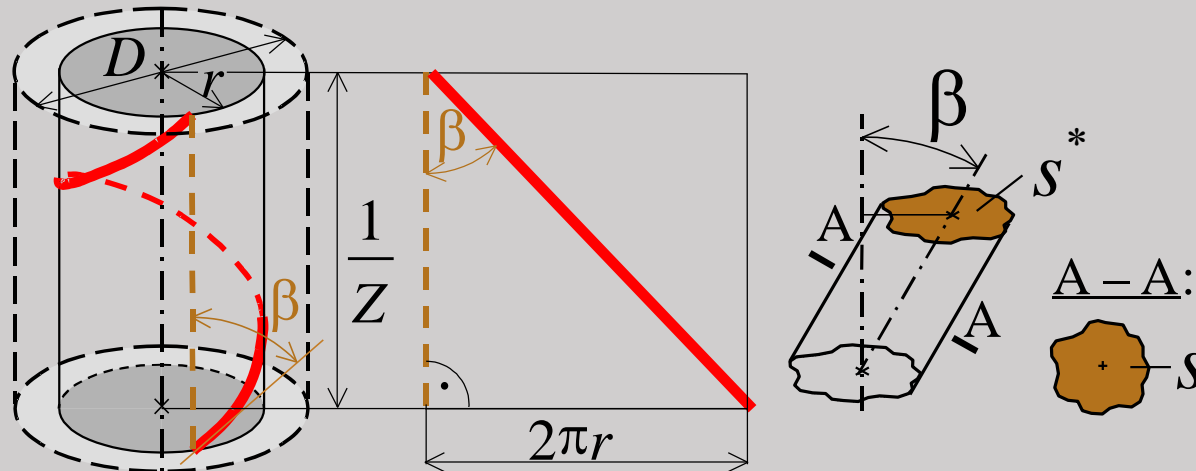
DEPARTMENT OF TECHNOLOGIES AND STRUCTURES SUMMER SCHOOL OF TEXTILE STRUCTURES, SEPTEMBER 5TH - 7TH 2022

WHO CAN ATTEND

The Summer School gives space to everyone - students of bachelor or master study program related to textile or laymen, who is interested in the topic of Summer Scholl 2022 from Czech Republic or abroad.

REGISTRATION

Fill and send enclosed registration form until June 30st 2022. The registration will be confirmed and detailed organization information will be sent to all accepted participants. The number of participant is limited to 10 people.



LANGUAGE/ PAYMENT
English/ Free of charge

TUTORS

Petra Jirásková, Iva Mertová
Gabriela Krupincová

CONTACT FOR MORE INFORMATION

hana.musilova@tul.cz
gabriela.krupincova@tul.cz



The Certificate of study confirmation after successful completion of the course will be delivered...

