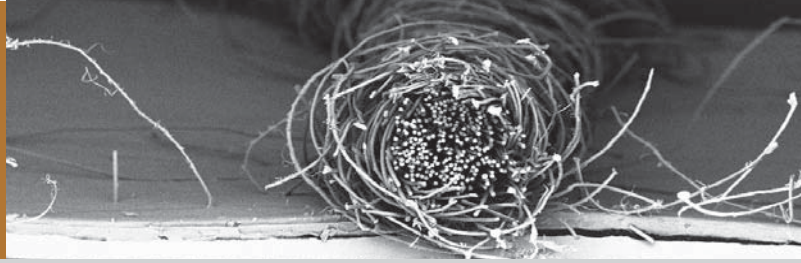




TECHNICAL UNIVERSITY OF LIBEREC
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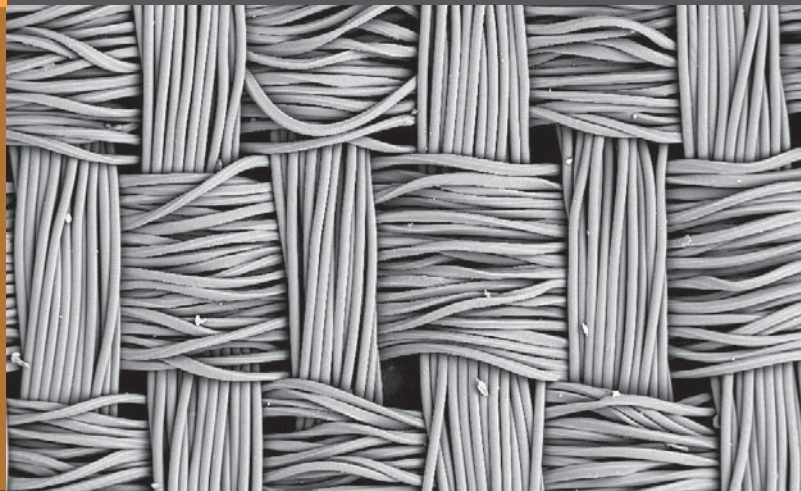


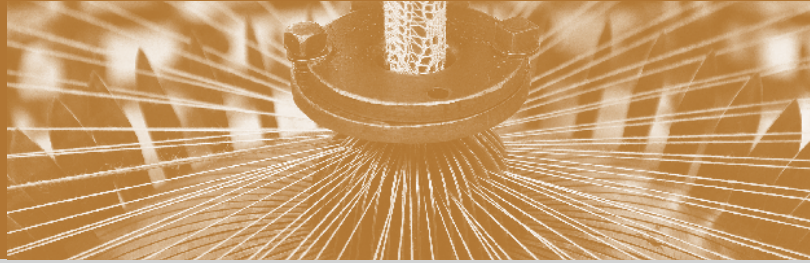
Pocket Programme

22nd International Conference STRUTEX

**International Ph.D.
Students Day**

December 3, 2018
Building B, 2nd floor
Liberec, Czech Republic





VLAKNA
TEXTIL
ISSN: 1335-0617

FIBRES AND TEXTILES



 **Liberec**

 **Liberecký kraj**

 **Lohmann & Rauscher**

 **KORDÁRNA**
KORDÁRNA PLUS A.S.

'TORAY'
Innovation by Chemistry

FESTO

RIETER

schoeller
Křešice


Caledon
Textile factory

Stap

 **ADFORS**
SAINT-GOBAIN

Monday 3 December 2018

08:00 - 08:55 Registration (Building B)

09:00 - 09:10 Opening Ceremony (Room B5)

09:10 - 10:50 Keynote Lectures (Room B5)

Chairperson: Gabriela Krupincová

**09:10 - 09:35 Leonard Mwaikambo
Exploitation of plant resourced materials for industria application
(University of Dar es Salam, Tanzania)**

**09:35 - 10:00 Das Dipayan
Fibrous Electrets: Formation, Characterization, and Application
(Indian Institute of Technology Delhi, India)**

**10:00 - 10:25 S. M. Ishtiaque
Application of signal processing techniques for characterization
and monitoring of yarn diametric unevenness and faults
(Indian Institute of Technology Delhi, India)**

**10:25 - 10:50 Danas Sutula
My path in Computational Mechanics and Optimization:
From Fracture Mechanics to Bio-mechanics to Textile Engineering
(Technical University of Liberec, Czech Republic)**

10:50 - 11:10 Coffee Break (Room B5)



11:10 - 13:50 Poster Presentation

Chairperson: Mohanapriya Venkataraman

Aboalasaad Abdelhamid Rajab Ramadan

MEASUREMENT OF THERMAL RESISTANCE ON THERMAL FOOT MODEL
COMPARED TO ALAMBETA

Ali Azam

METALLIZED TEXTILE WITH COPPER AND SILVER PARTICLES

Behera Promoda Kumar

MECHANICAL AND PHYSICAL PERFORMANCE OF EXTRUDED CEMENTITIOUS
MATRICES REINFORCED WITH BASALT FIBROUS WASTES

Drapáková Zuzana

HEAT AND HUMUDITY TRANSFER IN SANDWICH TEXTILES FOR AUTOMOTIVE
SEATS

Faheem Muhammad Sajid

INTUMASCENT FLAME RETARDANT BILAYER COATINGS ON COTTON FABRIC OF
CASEIN AND AMMOIUM POLYPHOSPHATE VIA BILAYER ASSEMBLY

Hussain Sajid

INVESTIGATION OF MATERIAL BEHAVIOUR ON LIQUID MOISTURE TRANSPORT
PROPERTIES OF FUNCTIONALUNDERWEARS

Khan Muhammad Zaman

SUPERHYDROPHOBIZATION OF COTTON FABRIC WITH FLY ASH FOR DURABLE
UV PROTECTION AND OIL/WATER SEPARATION PROPERTIES

Martinka Michal

CONDUCTIVE TRACKS USED IN SMART CLOTHING



11:10 - 13:50 Poster Presentation

Chairperson: Mohanapriya Venkataraman

Novotná Jana

DIELECTRIC PROPERTIES OF EPOXY COMPOSITES FILLED WITH RECYCLED CARBON FIBERS

Palanisamy Sundaramoorthy

DEVELOPMENT OF THE FORCE SENSITIVE RESISTORS USING POLYPYRROLE COATED COTTON WOVEN FABRIC FOR PRESSURE SENSING APPLICATION

Pechová Marcela

VISIBILITY OF SELECTED SAMPLES AT LOW LUMINANCE

Periyasamy Aravin Prince

PHOTOCHROMIC POLYPROPYLENE FILAMENTS: INFLUENCE OF DRAW RATIO ON THERMAL PROPERTIES

Samková Alžbeta

IMPACT OF THE PLASTER MEDIUM ON FIBRES DEGRADATION

Xiong Xiaoman

THERMAL PERFORMANCE OF AEROGEL-EMBEDDED FIBROUS MATERIALS UNDER CONVECTION

Yang Tao

EVALUATION ON THE ACOUSTIC PROPERTIES OF MULTI-COMPONENT POLYESTER NONWOVENS

13:50 - 14:10 Coffee Break

(Room B5)

14:10 - 14:30 Closing ceremony and announcement of best posters

This program is only indicative ...