

## WORKSHOP FOR PH.D. STUDENTS OF FT AND FS TUL

20<sup>TH</sup> – 23<sup>RD</sup> OF SEPTEMBER 2016

PENSION BÍLÁ VODA IN HARRACHOV



TUESDAY 20.9.2016	DEPT.	PH.D. STUDENT	SUPERVISOR	PAPER TITLE	
8:30 – 9:30	BUS TRANSPORTATION: LIBEREC (IC TUL) – HARRACHOV (PENSION BÍLÁ VODA)				
9:30 – 11:30	CHECK IN				
11:30 – 12:30	LUNCH				
12:30 – 12:50	1	KMI	ARUMUGAM V.	doc. Mishra	<i>Thermal Protective Performance of Warp Knitted Spacer Fabrics</i>
12:50 – 13:10	2	KMI	JABBAR Abdul	prof. Militký	<i>Investigation of the Creep and Dynamic Mechanical Properties of Jute/Green Epoxy Composites Incorporated with Chemically Treated Pulverized Nano/Micro Jute Fibers</i>
13:10 – 13:30	3	KMI	KALE Bandu	prof. Militký	<i>Self-Cleaning and Stiffness Characteristics of TiO<sub>2</sub>-Cellulose Coated Cotton Fabric</i>
13:30 – 13:50	4	KMI	TAO Yang	doc. Mishra	<i>Study on Acoustical Properties of STRUTO Nonwovens</i>
13:50 – 14:10	BREAK				
14:10 – 14:30	5	KMI	XIONG Xioman	doc. Mishra	<i>Aerogel-Based Nanofibrous Nonwoven Fabrics for Thermal Insulation</i>
14:30 – 14:50	6	KHT	RAZZAQUE Abdur	dr. Těšinová	<i>Thermal and Breathable Properties of Waterproof Laminated Fabrics</i>
14:50 – 15:10	7	KOD	JARIYAPUNYA Nareerut	dr. Musilová	<i>A Study of Mechanical Properties of Stretch Fabric and Pattern Construction to Evaluate Clothing Pressure</i>
15:10 – 15:30	BREAK				



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15:30 – 15:50	8	KSR	<b>MATÚŠEK Ondřej</b>	doc. Novotný	<i>New Approaches in Transparent Object Identification</i>
15:50 – 16:10	9	KSR	<b>VÍT Zdeněk</b>	doc. Novotný	<i>Reconstruction of the Robot Frame's ROBOTUL with Using Tab and Slot System</i>
16:10 – 16:30	10	KEZ	<b>TISOVSKÝ Tomáš</b>	doc. Vít	<i>Couette-like and Poiseuille-like Flow in Micro-channel – DSMC Investigation</i>
16:30 – 16:50	11	KVS	<b>SHYNKARENKO Andrii</b>	prof. Olehla	<i>Detection and Analysis of Produced Nanofibers Oriented Structures</i>
16:50 – 17:10	<b>BREAK</b>				
17:10 – 17:30	12	KOD	<b>KOVALOVA Natalia</b>	doc. Havelka	<i>Analysis of Multiaxial Stress of the Sewing Seam and Creating its Numerical Model</i>
17:30 – 17:50	13	KMI	<b>KARTHIK Daniel</b>	dr. Baheti	<i>Development of flexible textile stretchable sensors from conductive elastomers</i>
18:00 – 19:00	<b>dr. Mohanapriya VENKATARAMAN – Comparison of study in Czech Republic, India and Japan</b>				
19:00 – 20:00	<b>DINNER</b>				
20:00	<b>assoc. prof. Mohamed ELDESSOUKI - Elements of a successful writing for scientific research</b>				



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WEDNESDAY 21.9.2015		DEPT.	PH.D. STUDENT	SUPERVISOR	PAPER TITLE
7:30 – 8:30	<b>BREAKFAST</b>				
8:30 – 8:50	1	KCM	<b>KULHAVÝ Petr</b>	doc. Fliegel	<i>Principles of Winding Presaturated Carbon Fibers</i>
8:50 – 9:10	2	KMT	<b>MÁLEK Václav</b>	prof. Louda	<i>Tribological Properties DLC Layers</i>
9:10 – 9:30	3	KOD	<b>HUSSAIN Sajid</b>	dr. Glombíková	<i>Comfort of weave structures with single and plied weft yarns</i>
9:30 – 9:50	4	KNT	<b>ERBEN Jakub</b>	dr. Chvojka	<i>Melt Blowing of Polycaprolactone for the Tissue Engineering Structures</i>
9:50 – 10:10	<b>BREAK</b>				
10:10 – 10:30	5	KNT	<b>KALOUS Tomáš</b>	doc. Pokorný	<i>Construction of Sealed Box for Laser Based Anemometry</i>
10:30 – 10:50	6	KOD	<b>SIDDIQUE F. Hafiz</b>	doc. Havelka	<i>Compression socks</i>
10:50 – 11:10	7	KNT	<b>SIVAN Manikandan</b>	prof. Lukáš	<i>Studies on Spinnability of Poly(epsilon-caprolactone) Using Alternating Current Electrospinning</i>
11:10 – 11:30	8	KNT	<b>VOSÁHLO Josef</b>	dr. Novák	<i>The Construction Device for Nanofibrous Application Layer on Yarn</i>
11:40 – 12:40	<b>LUNCH</b>				
13:00 – 18:00	<b>GIANT MOUNTAINS HIKING</b>				
18:30 – 19:30	<b>DINNER</b>				
19:30	<b>dr. Jana DRAŠAROVÁ, prof. Petr LENFELD - Discussion with the rector and the deans of FT and FS TUL</b>				



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THURSDAY 22.9.2015		DEPT.	PH.D. STUDENT	SUPERVISOR	PAPER TITLE
<b>7:30 – 8:30</b>					
<b>BREAKFAST</b>					
<b>8:50 – 9:10</b>	1	KHT	<b>BAHETI Smita</b>	doc. Tunák	<i>Characterization of Textile Fabric Deformation by Image Analysis</i>
<b>9:10 – 9:30</b>	2	KMI	<b>HRUBOŠOVÁ Zuzana</b>	dr. Tunáková	<i>Alternatives of 3D Applications for Visual Disable People</i>
<b>9:30 – 9:50</b>	3	KMI	<b>SAMKOVÁ Alžbeta</b>	dr. Pechočiaková	<i>Influence of Carbon Fiber Fraction on Plaster Composites Ability to Electromagnetic Shielding</i>
<b>9:50 – 10:10</b>	4	KMI	<b>NOVOTNÁ Jana</b>	dr. Tomková	<i>Effect of Carbon Fillers on the Electrical Conductivity of Fiber Reinforced Polymer Matrix Composites</i>
<b>10:10 – 10:30</b>					
<b>BREAK</b>					
<b>10:30 – 10:50</b>	5	KMI	<b>JAVAID Muhammad Usman</b>	dr. Salačová	<i>Effect of Surface Modification of Para-Aramid Fabric on its Quasi-Statistic Knife Penetration with Water Glass and Ozone Treatments</i>
<b>10:50 – 11:10</b>	6	KMI	<b>MAQSOOD Hafiz Shahzad</b>	dr. Salačová	<i>Reinforcement of Cationized Cellulose in Anionic Matrix</i>
<b>11:10 – 11:50</b>	7	KOD	<b>NAEEM Jawad</b>	prof. Kůs	<i>Investigation of Thermal Resistance and Water Vapor Resistance of Multilayer Protective Clothing by Using Aerogel Blanket</i>
<b>12:00 – 13:00</b>					
<b>LUNCH</b>					
<b>13:00 – 13:20</b>	8	KMI	<b>ABID Hafiiz Affan</b>	dr. Šašková	<i>The Alkaline Treatment of Polyester Fabric by Pad-dry Method and its Effect on Wetting Properties of Fabric</i>
<b>13:20 – 13:40</b>	9	KMI	<b>GILANI Syed Q. Zia</b>	prof. Wiener	<i>Laser Treatment of PAN Coated Glass Nonwovens</i>
<b>13:40 – 14:00</b>	10	KTT	<b>ELDEEB Moaz</b>	dr. Moučková	<i>Prediction of Air Jet Yarn Strength at Different Gauge Lengths</i>
<b>14:00 – 14:20</b>	11	KTT	<b>ZUBAIR Muhammad</b>	prof. Neckář	<i>Specific Stress Strain Curves of Viscose Yarn: Experimental Verification</i>



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<b>14:20 – 14:40</b>	<b>BREAK</b>				
<b>14:40 – 15:00</b>	12	KMI	<b>ARUMUGAM Veerakumar</b>	doc. Mishra	<i>Study of Static, Dynamic -mechanical and Thermal Properties of Bio-Composites</i>
<b>15:00 – 15:20</b>	13	KMI	<b>FAHEEM Muhammad S.</b>	Dr. Baheti	<i>Surface modification of the fibers to improve their functionality</i>
<b>15:20 – 15:40</b>	14	KMI	<b>PALANISAMI Sundaramoorthy</b>	dr. Tunáková	<i>Lightweight and Flexible structures for Electromagnetic Shielding - Present State</i>
<b>15:40 – 16:00</b>	15	KOD	<b>FUNG Frederick</b>	Doc. Havelka	<i>Air gaps between skin and clothing layers</i>
<b>16:00 – 16:20</b>	<b>BREAK</b>				
<b>16:20 – 18:00</b>	<b>AFTERNOON PROGRAM</b>				
<b>18:00 – 19:00</b>	<b>DINNER</b>				
<b>19:00</b>	<b>EVENING PROGRAM</b>				



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7:30 – 8:30	BREAKFAST			
8:30 – 9:00	CHECK OUT			
9:00	DEPARTURE FROM HARRACHOV TO LIBEREC			

