

Session III, Hall 2-1
ENGINEERING MATERIALS AND APPLICATIONS

Chairperson – Prof. Simo-Pekka Hannula

Technical assistant – Dr. Darius Mažeika

Thursday, October 22, 14:30 – 16:00

<https://lledm.zoom.us/j/96327908646?pwd=MUF2R3M1NVZlNWUFWaUjYT3BYSksrQT09>

Some Regularities of Damage for the New Structural Material MONICA
During Sliding *Friction and Mechano-Sliding Fatigue*

Aliaksandr Bahdanovich, Sergei Sherbakov, Ivan Lis, Regita Bendikiene,
Vytautas Grigas, Ramunas Cesnavicius

Belarusian State University, **BELARUS**

Porous Carbon Containing Clay Ceramic Pellets for Heavy Metal
Removal from Water

Inga Jurgelane, Janis Locs

Riga Technical University, Institute of General Chemical Engineering,
LATVIA

Comparison of Stress-Strain States of Wheel-Rail Pair
Made of Steel and MONICA

Sergei Sherbakov, Aliaksandr Bahdanovich, Aleh Nasan,
Daria Podgaiskaya, Liudmila Shemet, Zefeng Wen, Xin Zhao,
Regita Bendikiene, Antanas Ciuplys, Audrius Jutas

Belarusian State University, **BELARUS**

Tribological and Mechanical Properties Investigations of Post-Consumer
Cotton Textiles

Abrar Hussain, Vitali Podgursky, Dmitri Goliandin, Mart Viljus,
Maksim Antonov, Andrei Bogatov, Illia Krasnou

Tallinn University of Technology, **ESTONIA**