

 Tomas Bata University in Zlín
Centre of Polymer Systems

 **ipf** Leibniz-Institut
für Polymerforschung
Dresden

GUMFERENCE 2024

Advanced Testing of Soft Polymer Materials

When: 8th February 2024

Where: Online

How: Registration via www.gumference.com

Conference Fee
0,00 €

Gumference 2024 – Scientific Program

8:45 – 8:55	Radek Stoček (TBU, Zlin, CZE) Eric Euchler (IPF, Dresden, GER)	Welcome notes
9:00 – 9:30	Sven Henning (IMWS, Halle, GER)	Advanced microscopy methods for morphology characterization of elastomers
9:35 – 10:05	Xavier Morelle (INSA, Lyon, FRA)	Study on structure heterogeneity of silicone rubbers by swelling, DMA and NMR analysis
10:10 – 10:20	Radek Stoček (TBU, Zlin, CZE)	Introduction into the M-ERA.Net-Project „ModEl-FuturE“
10:20 – 10:30		COFFEE BREAK
10:30 – 10:50	Samir El Masri (TUD, Dresden, GER)	Numerical computation of wear parameters using meta model
10:55 – 11:15	Rebeca Cedeno (LMA, Marseilles, FRA)	Non-linear viscosity modeling and simulation: accounting of the preload effect
11:20 – 11:40	Jakub Pawlas (TBU, Zlin, CZE)	Effect of test parameters on the measurement of the internal strength of rubber
11:45 – 12:05	Subhradeep Mandal (IPF, Dresden, GER)	New elastomer generations for sustainable tire applications
12:10 – 12:40	Branislav Cibik (Continental Tires Slovakia, Púchov, SVK)	Real world tire wear emission
12:45 – 13:45		LUNCH BREAK
13:45 – 14:15	Drahomír Čadek (UCT, Prague, CZE)	Influences of copper and manganese compounds on thermo-oxidation of NR
14:20 – 14:50	Michaela Džuganová (STUBA, Bratislava, SVK)	Perspective application of lignin as a component of rubber compounds
14:50 – 15:00		COFFEE BREAK
15:00 – 15:30	Rafal Anyszka (UT, Twente, NED)	Micromorphology of filled butadiene/silicone rubber blends for Mars exploration
15:35 – 16:05	Richard Pazur (DND, Ottawa, CAN)	Investigating the heat resistance of peroxide cured silicone rubber
16:05 – 16:15	Radek Stoček (TBU, Zlin, CZE) Eric Euchler (IPF, Dresden, GER)	Farewell

Time schedule due to Central European Time