SPI

Symposium on Polyurethane Innovation

26.08.2022.

University of Miskolc

*Advanced Materials and Intelligent Technologies Higher Education and Industrial Cooperation Centre (**HEICC**)*

Institute of Chemistry

CONFERENCE PROGRAM

Symposium on Polyurethane Innovation (SPI) 2022

TIMEFRAME	SPEAKER	LECTURE TITLE, ORGANIZATION
9:00 – 9:30	**Prof. Dr. Béla Viskolcz**	**Opening lecture, *University of Miskolc***
9:30 – 9:45	Enikő Hornyák-Mester	Factors affecting VOC content of polyurethanes in the automotive industry; *UoM*
9:45 – 10:00	Hadeer Waleed	Experimental and Theoretical Study of Urethane Formation in the Presence of Amine Catalyst; *UoM*
10:00 – 10:30	**Zsanett R. Boros**	**Introduction of BorsodChem's Polyurethane Raw Materials – Technological and Product Developments; *Wanhua BorsodChem***
10:30 – 10:45	BREAK	
10:45 – 11:15	**Gergő János Mikula**	**Production and qualification of polyether polyols at MOL; *MOL NyRt.***
11:15 – 11:30	Dalal K. Thbayh	Computational Study of the Applicability of Ascorbic Acid as Antioxidant Polymer Additive, *UoM*
11:30 – 11:45	Julie Mallouhi	Toxicity Tests Developed for Polyurethanes; *UoM*
11:45 – 13:15	LUNCH BREAK	
13:15 – 13:45	**Dr. Daniela Hermann & Harald Modro**	**How Evonik additives can help to improve foam properties; *Evonik***
13:45 – 14:00	Mohamed Al-Mandalawi	The Effect of Pore Volume on the Behavior of Polyurethane Foam-based Pressure Sensors; *UoM*
14:00 – 14:15	Dimah Zakaraia	Polyurethanes as bio-materials: an all-atom MD approach to understanding biopolymers; *UoM*
14:15 – 14:30	BREAK	
14:30 – 14:45	Miklós Varga	Examination of polyurethane foams doped with quantum dots; *UoM*
14:45 – 15:00	Ravikumar Thangaraj	A mechanistic study on the phosgenation of 2,4-toluenediamine (TDA) and the oligomerization of 2,4- and 2,6-toluenediisocyanates (TDI); *UoM*
15:00	CLOSING CEREMONY OPTIONAL VISIT TO THE POLYURETHANE LABORATORY	

NOTES

Participants: