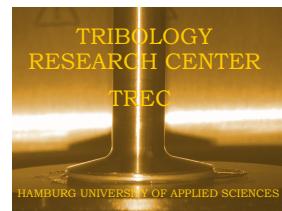


HAMBURG UNIVERSITY OF APPLIED SCIENCES

Tribology Research Center (TREC)
Institute of Eng. Design and Prod. Dev.
Dep. of Mech. Eng. and Prod.
Prof.Dr. E.Kuhn

<https://www.haw-hamburg.de/tribologie/arnold-tross-colloquium/>



PROGRAM OF THE 17TH ARNOLD TROSS COLLOQUIUM

10:30	<i>Prof.Dr. E.Kuhn (HAW Hamburg): welcome and opening</i>
10:40	<i>Univ.Doz. H.v.Leeuwen (TU Eindhoven, (keynote-speaker))</i> <i>Winner of the Georg Sarton Medal awarded by the Uni Ghent 2022</i> <i>Past, Present and Future of Tribology in the Low Countries.</i>
11:10	<i>S. Fernandez,M.Sc., Prof.Dr. M.Delgado (Uni Huelva-online)</i> <i>Electro-Rheology applied to control the lubrication process</i>
11:30	<i>M.Borrego,M.Sc, Prof.Dr. J.E.Martin - Alfonso,</i> <i>Prof.Dr. J.M.Franco (Uni Huelva - online)</i> <i>Tribological behavior of biolubricants based on nanofibers developed by electrospinning</i>
11:50	<i>Dr.Dr. U.Gunst (ATN Münster)</i> <i>Small and Micro Wind Power Plants - Aspects of Use and Analytical Tribology.</i>
12:10	<i>Prof.Dr. E.Kuhn (HAW Hamburg)</i> <i>Introduction of irreversibility in the study of lubricating greases</i>
12:30-14:15 Lunch at the Mensa	
	<i>Poster exhibition in the lecture room parallel to the oral presentation</i>
	<i>Dr. F.Rühle, Prof.Dr. W.Lilienblum (Magdeburg): Is it Possible to Investigate Specific Parameters of Lubricated Friction Pairs with Model Tests? (Poster)</i>
	<i>L.Ahme,M.Sc. (HAW Hamburg): Change of Grease structure during friction process.(Poster)</i>
Moderation: H.v.Leeuwen	
14::15	<i>K.Driesen,M.Sc. ^{1,2}, Prof.Dr. S. Castagne¹,</i> <i>Prof.Dr. D.Fauconnier², Prof.Dr. B.Lauwers¹</i> ¹ <i>KU Leuven (Belgium), ²UGent (Belgium):</i> <i>On Friction Hysteresis of Rough Lubricated Surfaces</i>
14::35	<i>S.Vafaei,M.Sc., Prof.Dr. G.Jacobs, Dr.F..König (RWTH Aachen):</i> <i>Tribological Evaluation of Lubricating Greases Composed by Different Bio-based Polymer Thickeners</i>
14:55	<i>I.Slabka, M.Sc., S. Henniger, B.Sc., David Kückkaya, B.Sc., M.Dawoud, M.Sc, Prof.Dr.H.Schwarze (TU Clausthal):</i> <i>Influence of Rheological Properties of Lithium Greases on Operating Behavior in Oscillating Rolling Bearings at a Small Swivel Angle.</i>
15:15	<i>Closing of the Colloquium in the Tribo-Lab</i> <i>Dinner with speakers in Gasthaus an der Alster (17:00)</i>

