



PROGRAM OF THE 17TH ARNOLD TROSS COLLOQUIUM

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

