



VSS/Swiss Tribology Technical Meeting 2.6.2016.

Zürcher Hochschule für Angewandte Wissenschaften (ZHAW), Winterthur

Address: ZHAW School of Engineering, Institute of Materials and Process Engineering (IMPE), Technikumstrasse 9, 8400 Winterthur. Registration and presentations: Building TC, Room TC O2.14 (Entrance on the Zeughausstrasse)

Program

9:00-9:30 Registration

9:30-9:35 **Arnd Jung**, ZHAW, *Introduction: Tribology in Winterthur*

9:35-10:05 **Christof Scherrer**, ZHAW, *High Temperature Sliding Wear of Co-based Alloys*

10:05 -10:35 **Florian Ausserer**, V-Research GmbH, *Modeling of a friction and air pressure based deceleration damping system*

10:35-11:00 Coffee

11:00-11:30 **Udo Volz**, Bruker Nano GmbH, *Bench-Top Screening of Clutch Materials*

11:30-12:00 **Wilfried Bartz**, Technische Akademie Esslingen e. V., *Quo Vadis Engine Oils - From Combustion Engines to Electromobility*

12:00-12:30 **Christian Mathis**, ETH Zürich, *Exploring confinement in bio-inspired soft lubricating coatings*

12:30-13:30 Lunch

13:30-14:00 **Birgit Gobereit**, Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR), *Abrasion and Erosion in Solar Particle Receivers*

14:00-14:30 **Mousab Hadad**, Novaswiss, AG, *The tribological investigations of ceramic particles in a solar receiver*

14:30-15:00 **Ricardo Cruz**, Burckhardt Compression AG, *Accelerated Abrasive Wear in Reciprocating Compressors*

15:00-15:30 **David Ziltener**, Tribotron AG, *Tribological comparison on particle reinforced powder coatings*

15:30-16:00 **Arnd Jung/Christof Scherrer**, *Visit to labs at ZHAW*

16:00 **Apéro**