

Speeches - European Drive Technology Conference, Lucerne

Thursday, September 8, Part I

12.15pm	Welcome Reception at Hotel Astoria	Penthouse
1.30pm	Transfer	
2.30pm	“Maxon Company Introduction”, maxon motor ag	Dr. Martin Zimmermann, CSO
2.45pm	“Use of Drives in Extreme Space Environments”	Robin Phillips, Head of Aerospace Projects maxon motor ag
3.15pm	EUROTRANS Annual Meeting	Tomaso Carraro, President EUROTRANS
7.00pm	Dinner Cruise aboard a vintage paddle steamer	Lake Lucerne

Friday, September 9, Part II

08.45am	Welcome “Conference Part II” at Hotel Astoria	Jens Westh, President ATT Motion and Drive Technologies, Switzerland
09.00am	Keynote I: “Limits of Monetary Policies – Consequences for Real Economies”	Prof. Dr. Jan-Egbert Sturm, Director KOF ETH Zürich
09.45am	Break	
10.15am	Keynote II: “Limits of Human Motion”	Sarah Marquis, Adventurer of 2013
11.00am	“Pushing Drive Technology Limits” Companies presentations and panel discussions	Prof. Tekn. Dr. Damian Vogt, Director University of Stuttgart, ITSM - Institute of Thermal Turbomachinery and Machinery Laboratory
11.10am	“Engineering the smallest engines” If motors become as small as single sperm cells, they might revolutionize artificial reproduction technologies – one day	Prof. Dr. Oliver G. Schmidt, Director IFW Dresden, IIN - Institute for Integrative Nanosciences
11.25am	“Beyond torque limits” How to deal with torque requirements exceeding conventional gear arrangements	Martin Bächler, Product Management FLSmidth MAAG Gear AG
11.40am	“The Thermo-Magnetic Motor (TMM)” A world first for the conversion of extra-low- temperature heat into zero-emission electricity	Raimund P. Neubauer, COO and Project Manager Swiss Blue Energy AG
11.55am	Break	
12.15pm	“Glamour and Precision” Mechanical movements in luxury watches	Dipl. Ing. Thomas Deeg, Managing Partner Novagear AG
12.30pm	“Pushing speeds up to 1 million rpm” Challenges and solutions for bearings in ultra-high speed drive systems	Dr. Martin Bartholet, Managing Director Celeroton AG
12.45pm	“Formula Student Electric - from 0 to 100 km/h in 1.513 seconds” World record for the fastest acceleration with an electric race car	Daniel Hentzen, CEO AMZ, ETH Formula Student Project
1.00pm	Panel Discussion, Q&A	Prof. Tekn. Dr. Damian Vogt
1.30pm	Business Lunch	Astoria, Conference Centre
3.15pm	Networking Program	

