

9. International Squeak and Rattle Forum

Table of Contents (preliminary)

Wednesday, 17 th May 2017		
Time	Lesson	Speaker
09:00h	Conference opening	Patrick Schimmelbauer, Jens Herting, ZINS
Session 1: General Topics		
09:15h	The new ZIEGLER-Instruments The future of ZINS under the new leadership	Jens Herting, Patrick Schimmelbauer ZINS
09:45h	Cultural Differences in the perception of S&R noises depending on the origin	Dr. Axel Sprenger, J.D. Power
10:15h	Coffee Break Networking	
Session 2: Material		
11:00h	Reference materials for Stick-Slip testing against different relevant materials	Carina Petzold, FILK
11:30h	Material modification to avoid rattle noises	Chiaki Okabe, Techno-Polymer
12:00h	Lunch, Networking	
13:45h	Innovation vs. Fulfillment of OEM's specification – challenges of a material supplier -	Elizabete Pinho, TMG
14:15h	Influence of aging and wear to the Stick-Slip behavior	Dr. Martin Strangfeld, FILK
14:45h	Coffee Break Networking	
15:30h	A new innovation of Stick-Slip test instruments, the 3D-Test machine - Concept introduction	Patrick Schimmelbauer, ZINS
16:00h	S&R-Prevention with the contribution of CAE and tribological parameters of material combinations	Jens Weber, C.E.F.T
16:30h	Summary Day 1	Jens Herting, ZINS
16:45h	End of Day 1	
18:00h	Dinner event	

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Time	Lesson	Speaker
9:00h	Conference Opening Day 2	Jens Herting, ZINS
Session 3: Squeak and Rattle		
9:15h	Fundamental physical testing of rattle (diploma thesis Mohsen)	Mohsen Bayani Khaknejad, Volvo Cars
9:45h	Identification of S&R worst load case	Anneli Rosell, Volvo Cars
10:15h	Application of full vehicle Shaker System	Michael Schurm, AKE technologies
10:45h	Coffee Break Networking	
11:30h	S&R prevention based on CAE	Ismail Benhayoun, Altair
12:00h	Squeak and Rattle for an Asian OEM	NN, Hyundai Kia Motor Company
12:30h	The newest beamforming technology to identify S&R sources	Tim Dannat, CAE
13:00h	C-HUD Solid Integration on IP, Simulation to prevent C-HUD (combiner HeadUpDisplay) from rattling	Anneli Rosell, Volvo Car Company
13:30h	Summary and closing	
13:45h	Lunch	