

Session: 3.1 Mechatronics

Time: Tuesday, 05.09.2023

Location: Humboldtbaue, Lecture Room HU-210

Chairman: Th. Sattel (D-Ilmenau)

10:20 - 10:40 a.m. Coffee break and Visits of Expositions	
10:40 a.m.	M. Mauch, B. Gundelsweiler (D-Stuttgart)
Optimization of the actuation behavior of a hybrid electromagnetic switching/holding solenoid	
11:00 a.m.	M. Hutter, B. Gundelsweiler, D. Holder, T. Maier (D-Stuttgart)
Multi-stable setups combining magnetic shape memory alloy with reluctance counter forces	
11:20 a.m.	L. Mettenleiter (D-Oberkochen)
Multivariable stability analysis of position-controlled payloads to support shrink in Semiconductor Manufacturing	
12:00 noon – 1:30 p.m. Lunch and Visits of Expositions	
12:00 noon – 1:30 p.m. Poster Session	

