

Session 3.3 Mechanism technology

Time: Tuesday, 05.09.2023

Location: Humboldtbaubau, Lecture Room HU-012

Chairman: L. Zentner (D-Ilmenau)

10:20 - 10:40 a.m. Coffee break and Visits of Expositions	
10:40 a.m.	D. Herrmann, L. Schaeffer, V. Böhm (D-Regensburg), L. Zentner (D-Ilmenau)
Theoretical considerations on 3d tensegrity joints for the use in manipulation systems	
11:00 a.m.	E. A. Hermoza Llanos (D-Aachen), J. A. Rodriguez Hernandez (PE-Lima), L. Zentner (D-Ilmenau)
Development of a novel synthesis method of a rigid-body four-bar linkage into a compliant mechanism	
11:20 a.m.	D. Stojiljković, N. T. Pavlović (RS- Niš)
Design of the compound compliant scott-russel mechanism with non-conventional optimization of flexure hinges	
12:00 noon – 1:30 p.m. Lunch and Visits of Expositions	
12:00 noon – 1:30 p.m. Poster Session	

