

Session 3.1 Mechatronics

Time: Tuesday, 05.09.2023

Location: Humboldtbaubau, Lecture Room HU-210

Chairman: Th. Sattel (D-Ilmenau)

1:30 p.m.	F. Büchner, L. Jestädt, V. Ivanov, T. Bachmann (D-Ilmenau)
Self-adapting motion cueing algorithm based on a kinematics reference model	
1:50 p.m.	F. Büchner, B. Rieger, B. Purschke, V. Ivanov, T. Bachmann (D-Ilmenau)
Extending teleoperated driving using a shared x-in-the-loop environment	
2:10 p.m.	E. Carrillo Li (PE-lima)
Hybrid Fuzzy Neural Network – Genetic Algorithm applied to the control of Magnetorheological and Smart Material Vehicle Active Suspensions	
Elevator Pitch Session 3.1	
2:30 p.m.	G. Gárdonyi, S. Zoletnik, T. Szabolics, E. Walcz (HU-Budapest)
Control System for Shattered Pellet Injection Experiments	
2:50 – 3:10 p.m. Coffee break and Visits of Expositions	
End of Session	

