

GAMM2025

Tuesday 8 April 2025

PP04: Robust coupling of continuum-biomechanical in silico models to establish active biological system models for later use in clinical applications – Co-design of modeling, numerics and usability: PP04.01 - Room 9 (14:00 - 16:00)

-Conveners: Tim Ricken

time	[id] title	presenter
14:00	[737] From Injury to Full Recovery: Monitoring Patient Progress Through Advanced Sensor and Motion Capture Technology	ANDRES, Annchristin
14:20	[738] Investigation of the influence of screw position and screw insertion on the local micro-mechanics of the fracture gap and the interfragmentary movement	ROLAND, Michael
14:40	[739] Cell seeding dynamics in a porous scaffold material with applied sensitivity analysis	JÄGER, Henry
15:00	[740] Flexible macro-micro coupling for liver applications	GERHÄUSSER, Steffen UEKERMANN, Benjamin
15:20	[741] Enriched and Discontinuous Galerkin Discretizations for a Cardiac Mechanics Benchmark Problem	STENGEL, Laura
15:40	[742] Advancing Endovascular Treatment: Simulating Thrombus Formation in Patient-Specific Aneurysms	HOLZBERGER, Fabian