

### Session 4.3 Metallic and hybrid materials and simulation

Time: Wednesday, 06.09.2023

Location: Humboldt-bau, Lecture Room HU-201

Chairman: G. Lange (D-Ilmenau)

9:00 a.m.	M. Glaser, J. P. Bergmann, J. Hildebrand, S. Matthes, P. Shaaf (D-Ilmenau)
Characterization of plastic-metal hybrid composites joined by means of reactive Al/Ni multilayers	
9:20 a.m.	M. R.P.M. Tavares, D.A. Rolon, J. Kober, S. Kühne, D. Oberschmidt (D-Berlin), R. B. Schroeter (BR-Santa Catarina)
Molecular dynamics simulation of gallium phosphide zincblende cutting mechanism	
9:40 a.m.	T. Sprigode, A. Gester, G. Wagner (D-Chemnitz), A. Brückner-Foit, A.Rienäcker (D-Kassel)
Improving Weld Quality with Optimized Bobbin Tools: An Innovative Approach to Friction Stir Welding of Aluminum	
<b>10:20 - 10:40 a.m. Coffee break and Visits of Expositions</b>	
<b>End of Session</b>	

