



Taiho Kogyo Tribology Research Foundation

Name: Prof. Robert W. Carpick

Theme: The Influence of Surface Roughness on the Growth, Friction, and Durability of Nanoparticle-Derived Tribocoatings

Related Presentation/Publication

Leriche. C and Carpick. R. W. Nucleation and growth of ZrO₂ tribofilm; the role of surface topography (in preparation), 2025.

LaMascus. P, Kholoshenko, A, Leriche. C, Palahang. P, Delghandi. D, Nautiyal, P, Fulco. S, Nwachukwu. I, da Silva Cardoso. M, Fusha. M, Jackson. A, Wiacek. R. J, Turner. K. T, Carpick. R. W. The effect of stress on the growth and adhesive transfer of metal oxide antiwear coatings (in preparation), 2025.

Presentations will be given at conferences the two investigators attend within the coming year.