



Session description

Chairman name: Prof. Pantelis Nikolakopoulos

Affiliation: University of Patras, Greece

Title of the session: Green Tribology

Objectives: Tribology is the study of friction, wear and lubrication. The concept of "Green Tribology" plays a crucial role in ensuring that any friction and wear between materials occurs in a completely environmentally friendly way. Researchers expect that as technologies continue to focus on being more environmentally friendly and sustainable in the future, there will also be a subsequent rise in how green tribology plays a crucial role in these advances.

Papers of this Special Issue may represent following topics:

Minimization of heat and energy dissipation of mechanical, mechatronics systems, Minimization of wear, Surface texturing, Reduction or Complete Elimination of lubrication and self lubrication, Natural Lubrication, Bio-degradable Lubrication, Sustainable Chemistry and Green Engineering Principles, Bio-mimetic Approaches and Real-time Monitoring of Tribology Systems, are very well come.