

6th International Conference of Engineering Against Failure



Session description

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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.