

Awardees List

Abstract No.	Field	Keyword	Presenter's Name	Abstract Title	Affiliation and Country
90050	Micro-, Nano- and Molecular-Tribology	Molecular Simulations	Dr. Tian-Bao Ma	Molecular dynamics simulation of the frictional behaviors of diamondlike carbon films	State Key Laboratory of Tribology, Tsinghua University, P.R. China
90056	Tribology Fundamental	Wear	Dr. Yue-wen SU	Wear prediction of revolute clearance joints and its effects on dynamic response in multibody systems	Key Laboratory of Education Ministry for Modern Design and Rotor-Bearing System, Xi'an Jiaotong University, P.R. China
90102	Lubrication, Lubricants and Additives	Additives	Dr. Fabrice Dassenoy	Tribological behavior of new Inorganic Fullerene like nanoparticles: IF-MoxW1-xS2	Laboratoire de Tribologie et Dynamique des Systèmes, France
90285	Manufacturing and Mechanical Components	Bearings	Mr. Jean Bouyer	Stick-slip phenomenon induced by friction in a plain journal bearing during start-up	Laboratory of Solid Mechanics, University of Poitiers, France
90349	Lubrication, Lubricants and Additives	Lubricating Oil	Mr. Tsutomu Yagi	Gas discharge behavior of ionic liquid lubricant on sliding metals under high vacuum condition	Department of Mechanical Engineering, Faculty of Engineering, Tokyo University of Science, Japan
90394	Lubrication, Lubricants and Additives	Elastohydrodynamic lubrication	Dr. Thomas Reddyhoff	Thermal aspects of debris in EHL contacts	Tribology Group, Department of Mechanical Engineering, Imperial College, UK
90588	Tribosystems	Biotribology	Dr. Yu Yan	In-situ electrochemical assessment of biotribocorrosion behaviour for artificial hip prostheses	School of Mechanical Engineering, Faculty of Engineering, The University of Leeds, UK
90596	Surface Engineering	Tribomaterials	Mr. Robin A Pourzal	Investigation of micro-structural changes and wear particle formation in different types of metal-on-metal hip joints	Department of Material Science and Engineering, Institute for Product Engineering, University of Duisburg-Essen Duisburg, Germany
90958	Manufacturing and Mechanical Components	Gears	Mr. Michiyasu Owashi	Measurement of contact pressure distribution between gear teeth using a thin-film sensor	Department of Mechanical Engineering, Faculty of Engineering, Tokyo City University, Japan
91047	Manufacturing and Mechanical Components	Other Components	Mr. Norifumi Miyanaga	Effect of the surface roughness of mechanical seal under blood sealing	Faculty of Science and Engineering, Waseda University, Japan