TABLE OF CONTENTS

- Description p.1
- Editorial Board p.1
- Guide for Authors p.3

DESCRIPTION

Original research papers, critical review articles and case studies will be solicited from scientists, engineers and clinicians working in the field. The topic of research should include a biological surface as part of the interface (e.g. articular cartilage, skin or dental enamel) or have a direct impact on biological function (e.g. prosthetic joints, dental implants). The scope of the journal will include all aspects of the tribology of bio-interfaces. Subject areas include:

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- **Biotribology for industry**: Identifying new opportunities, developing test methods, correlation with customer experience, consumer products and packaging
- **Sports Tribology**: Equipment design and development, preparation, deterioration and testing of sport surfaces, grip, player interaction and gait analysis

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Original research papers, critical review articles and case studies will be solicited from scientists, engineers and clinicians working in the field. The topic of research should include a biological surface as part of the interface (e.g. articular cartilage, skin or dental enamel) or have a direct impact on biological function (e.g. prosthetic joints, dental implants). The scope of the journal will include all aspects of the tribology of bio-interfaces. Subject areas include: Natural joints: Synovial joints, articular cartilage, meniscus, mechanically and biochemically induced damage Artificial articular joints: Partial and total joint replacement, spinal discs, explant analysis, implant corrosion and wear, artificial cartilage, bio-scaffolds Prosthesis tribology: Prosthetic human interfacing and coupling, tribological function Biological implants: Catheters, heart pumps, stents, bio-probes, intravenous, needles Biomimetics: Bio-inspired tribology, insect tribology, Ocular tribology: Ocular surfaces, contact lenses, tear lubrication and Dry Eye Syndrome Skin tribology: Damage mechanisms, blistering mechanisms, bedsores, sweat lubrication Haptics: Tactile perception and surface texture, ergonomics Personal care: Hair conditioners, skin creams, cosmetics, shaving products, exfoliants, toothpaste Oral processing: Foodstuffs and beverages, mouth feel and taste perception, food texture and rheology Dental tribology: Tooth and implant wear, implant anchoring, tribo-corrosion of dental surfaces, fracture mechanism of teeth Biotribology for industry: Identifying new opportunities, developing test methods, correlation with customer experience, consumer products and packaging Sports Tribology: Equipment design and development, preparation, deterioration and testing of sport surfaces, grip, player interaction and gait analysis

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