

Special Issue

Selected Papers from the 17th International Symposium on Magnetic Bearings (ISMB17)

Message from the Guest Editors

Dear colleagues, This Actuators Special Issue will include high-quality papers presented during the 17th International Symposium on Magnetic Bearings, following the successful experience of ISMB17. https://www.mdpi.com/journal/actuators/special_issues/ISMB17 After the end of ISMB17, authors of selected papers that match the Journal topics will be invited to publish an improved version of their contributions in open access, with the aim of providing a broad overview of the latest achievements and applications of magnetic bearings, magnetic actuators in many fields of mechanics, covering industry, automation, automotive, aerospace, and transportation. Papers could be original research papers, as well as review papers focused on the current state-of-the-art in one of the areas covered by the journal's aims and scopes.

Prof. Dr. Del Nero Gomes
Larrea

Guest Editors

Prof. Dr. Richard M. Stephan

Prof. Dr. Afonso Celso Del Nero Gomes

Prof. Dr. José Andrés Santisteban

Deadline for manuscript submissions

closed (30 June 2022)



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Actuators
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
actuators@mdpi.com

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About the Journal

Message from the Editorial Board

We are just entering the Next Wave of Technology (NWT) where actuators will play the same role as the computer chip did for computers/social media approximately four decades ago. Just in the U.S., production of \$1 trillion year of electromechanical systems (vehicles, orthotics, manufacturing cells, freight trains, aircraft, etc.) will be impacted by the NWT, all driven by actuators. Five key trends can be found for the future perspectives: "Performance to Reliability", "Hard to Soft", "Macro to Nano", "Homo to Hetero" and "Single to Multi functional". We invite papers that primarily impact these economic sectors; those illustrating basic scientific principles are also welcome.

Editors-in-Chief

Prof. Dr. Kenji Uchino

Emeritus Academy Institute, The Pennsylvania State University,
University Park, PA 16802, USA

Prof. Dr. Norman M. Wereley

Department of Aerospace Engineering, University of Maryland, 3179J
Martin Hall, College Park, MD 20742, USA

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