



Specialsue

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Design and Analysis of Air Bearings with Applications in the Design of High-Precision Machines

| Guest Editors: | Message from the Guest Editors |
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| Dr. Siyu Gao | Dear Colleagues, |
| Dr. Chenhui An | Air bearings have been widely adopted as support |
| Prof. Dr. Kai Cheng | components for high-precision machines in ultraprecision machining, metrology, semiconductor devices, medical |
| Prof. Dr. Mark J. Jackson Deadline for manuscript submissions: 31 October 2024 | treatment, power generation, and other areas. Recent developments in air bearings have seen phenomenal advances in new high-precision machine structures. This Special Issue is dedicated to further exploring the design, optimization, application, and use of air bearings for high- precision machines with extreme working performances. |
| | Original research articles and reviews are requested for this Special Issue of <i>Machines</i> that provides an overview of the current state of the art or a roadmap for the future for air bearing technologies and applications. Case studies of industrial practices are also solicited so that the readers of this Special Issue can understand the applied nature of specific precision engineering applications. |
| | Dr. Siyu Gao |

Dr. Chenhui An Prof. Dr. Kai Cheng Prof. Dr. Mark J. Jackson *Guest Editors*



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Message from the Editor-in-Chief

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There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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