

## Special Issue

# Physical Interaction of Floating-Base Robotics for Advancing Aerospace Technologies

### Message from the Guest Editor

Physical interaction of floating-base systems is a key research topic that has been addressed in several technological domains, including aerial, underwater, legged, humanoids, and space robotics. To date, the efforts have been scattered and specifically focused on each of the individual domains. Although the working conditions are different, the dynamics of the robots and physical interaction requirements are very similar. These similarities and potential cross-domain synergies have not been investigated before. This Special Issue has the goal of bringing together (likely for the first time) researchers from these different fields, with the objective of identifying common research lines, issues, and barriers that can help advance the physical interaction capabilities of aerial and space technologies on Earth, in space, and on extra-terrestrial bodies. We seek new approaches and solutions that have been deployed individually in the four technological areas and that can be applied to solve current challenges in the aerospace sector.

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### Guest Editor

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### Deadline for manuscript submissions

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## Aerospace

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### Editor-in-Chief

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