Special Issue

Models, Methods, and Materials for Untethered Swimming Robots at Low Reynolds Number

Message from the Guest Editors

This Special Issue seeks to showcase research articles addressing significant issues and contributing towards the development of new models, methods, and materials for untethered swimming robots navigating at low Reynolds number environments. Review articles describing the current state-of-the-art are also welcome. Potential topics include but are not limited to the following:

- Navigation at low Reynolds number;
- Purcell-type nano/microswimmers;
- Helical-type nano/microswimmers;
- New propulsion methods or control for untethered swimming robots;
- New fabrication methods for untethered swimming robots;
- New materials for untethered swimming robots;
- Propulsion efficiency.

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Deadline for manuscript submissions

closed (31 July 2021)

About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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