



## Recent Advances in Mathematical Aspect in Engineering

Guest Editors:

**Prof. Dr. Rahmat Ellahi**

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**Dr. Huijin Xu**

Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editors

Dear Colleagues,

This Issue invites you to present your latest original research findings, review articles, and short communications which are either advances in the state-of-the-art of mathematical methods, theoretical studies, or experimental studies that extend the bounds of existing methodologies to new contributions addressing current challenges and engineering problems. We hope that this Issue will serve as a platform for innovation and will provide up-to-date findings to readers and the scientific community.

All papers will be peer-reviewed. Accepted papers will be published and will appear immediately on the Special Issue website. Please note that all submitted papers must be within the general scope of the Symmetry journal.

Scope: Potential topics dealing with (but not limited to) the following subheadings are deemed suitable for publication: Fluid mechanics; Optimization; Energy; Heat transfer; Steady and unsteady flow problems; Porosity; Nanofluids; Particle shape effects; Multiphase flow; Thermodynamics; Magnetohydrodynamics; Electromagnetic; Physiological fluid phenomena in biological systems; Peristaltic; Blood flow.





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## Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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