# Special Issue

# New Advancements in Computational Particle Mechanics

## Message from the Guest Editor

The purpose of this Special Issue is to explore new developments in the discrete element method (DEM) for granular dynamics modeling, including but not limited to the following topics: New numerical methods to model complex particles or address the problems which remained unresolved before. Significant improvements to existing methods for better accuracy and efficiency or enhanced capacity. Novel applications of computational particle mechanics to new or interdisciplinary fields. Research on the microstructure of materials. More accurate and convenient tools for computational particle mechanics. Extended application of computational particle mechanics in engineering. New insights into some critical scientific problems of granular materials based on numerical simulations.We look forward to receiving many excellent research papers for this Special Issue. Your contributions will promote both the scientific research and industrial applications of granular materials.

## Guest Editor

Dr. Xia Hua

Mechanical Engineering and Automation, Zhejiang University of Technology, Hangzhou 310014, China

## Deadline for manuscript submissions

closed (20 November 2023)

**Materials**

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*Materials*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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## Message from the Editor-in-Chief

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## Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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