

## Special Issue

# Selected Papers from The 2023 International Conference on Digital Twin (Digital Twin 2023)

### Message from the Guest Editors

The 2023 International Conference on Digital Twin (Digital Twin 2023) will take place in Portsmouth, England, on 28–31 August 2023. The 2023 IEEE International Conference on Digital Twin will provide a high-profile, leading-edge forum for researchers, engineers, and practitioners to present state-of-art advances and innovations on Digital Twins, as well as to identify emerging research topics and define the future of the field. **Track 1: Digital Twin Fundamentals Track 2: Digital Twin Interaction and Communication Track 3: Digital Twin Security and Privacy Track 4: Digital Twin Systems and Applications** For more information, please visit the conference website: <https://ieee-smart-world-congress.org/program/digitaltwin2023/overview> All published papers in the Special Issue belong to the journal of *Symmetry*, so the papers must fit both the scope of *Symmetry* and the conference.

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### Guest Editors

Dr. Sahraoui Dhelim

Dr. Tao Zhu

Dr. Nyothiri Aung

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### Deadline for manuscript submissions

closed (31 August 2024)



## Symmetry

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Sergei Odintsov

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