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Simulation and Modelling in Natural Sciences, Biomedicine and Engineering III

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Message from the Guest Editor

Dear Colleagues,

It is an absolute pleasure to welcome you to this Special Issue, titled "Simulation and Modelling in Natural Sciences, Biomedicine and Engineering III", of the reputable MDPI Journal *Symmetry* with the best papers from the Interbit Conferences 2022. The Special Issue will bring together applied mathematicians, computer scientists, physicists, chemists, Earth scientists, and engineers from all branches of engineering to present new hot topics and state-of-the-art results in mathematical modeling and simulation in natural science and engineering. Modern algorithms, numerical analysis methodologies, simulation techniques, soft computing, artificial intelligence, intelligent systems, computer techniques, cloud computing, and parallel algorithms, as well as their applications in natural sciences, engineering, finances, and medicine, are welcome. A strong network of eminent colleagues will support our review in order to give to our publisher (MDPI) important scientific and technical results, increasing the impact of the journal in our academic community.



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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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