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Tachyons and Fundamental Symmetries

Guest Editors:

Prof. Dr. Ulrich D. Jentschura

Prof. Dr. Robert Ehrlich

Prof. Dr. Alan Chodos

Prof. Dr. Jacek Ciborowski

Message from the Guest Editors

It is well known that tachyons (hypothetical particles traveling faster than light) are among the most intriguing and, perhaps, most controversial concepts recently discussed in the literature. We believe that it could be in the interest of the wider theoretical community to discuss tachyons and their role in fundamental symmetries in a Special Issue.

Deadline for manuscript
submissions:

closed (31 July 2023)



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Special Issue



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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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