Special Issue

Reach for the Stars: Enhancing Pedagogy and Technology in Physics and Astronomy Education

Message from the Guest Editor

With the increasing prevalence of AI and other new technologies and reflecting on what we have learned about pedagogy during the pandemic, the time is ripe to gather our collective experience and excitement for the future education of students in Physics and Astronomy. In this Special Issue focussing on Physics and Astronomy education we invite original research articles and reviews pertaining to all aspects of student education in these disciplines. This encompasses novel modes of delivery and engagement to aid students in their understanding of complex theories and concepts; development of experimental, investigation and observational skills; use of modelling, coding and simulations; assessment in the age of AI; support and inclusion of minorities; and development of career aspirations to suit our diverse student populations. This list is not exhaustive, and any aspect related to Physics and Astronomy education is very welcome. In terms of minorities, those of particular relevance to Physics and Astronomy are women and neurodivergent students, and novel ways to support and build confidence in these students are particularly welcome.

Guest Editor

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Deadline for manuscript submissions

30 September 2025

About the Journal

Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

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