

Introductory Editorial

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I am pleased to announce the launch of *Particle Physics Insights*, a new journal to be published by Libertas Academica. This journal is a peer-reviewed, open access journal that covers all aspects of particle and high energy physics. *Particle Physics Insights* accepts both original and review papers in the fields of elementary and high energy particle physics, and both theoretical and experimental work. Attention is focused on high energy particle interactions in term of modelling, simulation, resultant fragmentations and energy deposition. Research and theory in other areas that have relevance to this field are welcome as well.

Particle Physics Insights will be competing head-on with a number of existing subscription-based journals. However, there is clearly a niche for this new journal, since all its articles will be accessible online without any boundaries, to all internet users throughout the world. This freedom is coupled with rigorous, fair and prompt standards of peer review.

Particle Physics Insights is published exclusively online. Articles will follow a consistent format so that the visual impact will be high, and equal to that of the best hard-copy publications. In contrast to paper-based journals, however, the electronic format allows the full use of digital technologies and permits the inclusion of large data sets, from field and laboratory studies, links to other web pages, animations, slide shows, video clips and unlimited colour, all at no additional charge. Open access means that all articles are freely available to all, worldwide, and at no cost to the reader. Also, authors retain copyright of their work and can grant anyone the right to reproduce and disseminate it, provided that it is correctly cited and no errors are introduced, under the Creative Commons “CC-BY” license.

In hard-copy journals, the costs of publication are met by subscriptions, paid by the reader. In *Particle Physics Insights*, as in other open access journals, these costs are borne by the author in the form of a publication processing fee. Many grant-awarding bodies recognize the value of open access publishing by allowing their funds to be used for PPFs. Fee waivers and discounts are available on a case-by-case basis, and we shall make every effort to ensure that lack of funds does not impede the overall objective of publishing the best science, irrespective of authorship or country of origin.

I do not foresee that open access, online journals will totally replace the traditional print format in the immediate future, although this may be an increasing trend with time. I am certain, however, that the benefits of online publication, and the extra opportunities that digital technologies give to authors, will be increasingly recognized. Open access is of huge benefit to the researchers working in institutions around the world where institutional libraries are unable to afford subscription fees for a full range of journals.

I expect that *Particle Physics Insights* will attract manuscripts of the highest quality which are of the greatest possible benefit to readers. Peer review is undertaken by at least two leading experts in the area of the manuscript.

For further information on what we hope will be an exciting and highly useful new journal, please click on the “About This Journal” links on the journal’s web page.

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