



## Editorial

## Introducing IPEM-Translation

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## ARTICLE INFO

## Keywords:

Medical Physics  
Biomedical Engineering  
Clinical Engineering  
Medical technology  
Healthcare  
Translational R&D

I am delighted to write this editorial to mark the launch of *IPEM-Translation* on Elsevier's platform for peer-reviewed literature ScienceDirect®. The Journal, which derives its name from the Institute of Physics and Engineering in Medicine (IPEM), complements the other peer-reviewed scientific journal titles owned and endorsed by the Institute. To launch a new journal during a global pandemic might be considered untimely but the proposal has been the subject of discussion at IPEM for many years. The purpose of this Editorial is to give readers a brief overview by way of background to the new title, its aims and scope, and to highlight the benefits of publishing in *IPEM-Translation*.

The Institute of Physics and Engineering in Medicine was constituted in 1995 as a learned society for medical physicists, clinical scientists and engineers, biomedical engineers and technologists, following the merger of the Institute of Physical Sciences in Medicine and the Biological Engineering Society. The Institute is a registered charity and professional body with more than 4,600 members from across the globe engaged in the delivery of healthcare, including researchers in academia and industry.

IPEM is the sole National Member Organisation representing the United Kingdom in the International Organisation for Medical Physics (IOMP), which has 87 national members representing over 27,000 medical physicists worldwide, and the European Federation of Organisations for Medical Physics (EFOMP), which has 36 national organisations as its members. IPEM is a member of the European Alliance for Medical and Biological Engineering and Science, and the International Federation for Medical and Biological Engineering (EAMBES). The Institute works closely with other international bodies, including the American Association of Physicists in Medicine (AAPM).

IPEM owns four internationally-recognised, peer-reviewed scientific journals at present. These journals underpin IPEM's mission to support the profession by affording its members and the wider research community the means both to disseminate and access the very latest developments in research and practice. *IPEM-Translation*, in particular, aims to provide further opportunities for members of all categories and job titles to share best practices with their respective communities of practice in the UK and elsewhere. It serves also as a forum for the publication and sharing of knowledge-based content and expert opinion on technological advances concerned with the diagnosis and treatment of disease and rehabilitation of patients, and the delivery of healthcare.

The Journal publishes state-of-the art reviews, technical papers and reports on current practices, as well as brief communications describing work that is at an earlier stage of development. Uniquely, the scope extends to more translational research and development leading to the adoption of new medical devices and procedures, including potentially disruptive technology and the implications that their introduction may have for healthcare service provision. To assist in the effective communication of these advances, the Publisher accepts supplementary information in the form of interactive content, databases, computer codes, animations or video recordings, etc., to appear alongside articles published on ScienceDirect. In this way, *IPEM-Translation* aims to keep all those engaged in technical innovation abreast of the latest developments in health care delivery and service provision for the benefit of patients.

IPEM supports sustainable approaches to open access publication. That *IPEM-Translation* is a fully open-access journal may be seen as part of the wider strategy to give authors a greater choice when considering where to publish their work, and one that complements the Institute's other hybrid, transformative journals. This enables authors to publish their research outputs with due regard to the policies in place, in the

**Abbreviations:** IPEM, Institute of Physics & Engineering in Medicine; IOMP, International Organisation for Medical Physics; EFOMP, European Federation of Organisations for Medical Physics; EAMBES, European Alliance for Medical and Biological Engineering and Science; AAPM, American Association of Physicists in Medicine.

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<https://doi.org/10.1016/j.ipemt.2021.100002>

Available online 21 December 2021

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UK and globally, that encourage transparency, inclusivity and making science more accessible, i.e., [Open Science](#). The Institute is a signatory of the Engineering Diversity Concordat of the Royal Academy of Engineering and the Science Council Diversity Declaration and has its own Equality Policy. As such, IPEM supports equality, diversity and inclusion in research and publishing, which is reflected in the management of the Journal and appointments to our Editorial Board going forward.

Returning to the present, and the impact of the Coronavirus 2 (SARS-CoV-2) pandemic on our lives. In keeping with scope of the Journal, *IPEM-Translation* invites authors to submit articles that demonstrate the effectiveness of any new and innovative practices and procedures they

may have introduced to safeguard healthcare workers and patients alike, especially those that could be adopted by research and clinical communities elsewhere that continue to be affected by the disease. This open call for papers aims to capture some of the many ways in which the pandemic has affected the practices and work flows of physicists and engineers, and hospital service provision more generally. Authors should submit their manuscripts via the Journal page on [Editorial Manager](#). Note that article processing charges are waived until December 2022 (IPEM members will receive a permanent discount thereafter). Email enquiries should be directed to the Editorial Office in the first instance via [ipemtranslation@elsevier.com](mailto:ipemtranslation@elsevier.com).