



Editor-in-Chief Vacancy for a new launch journal: *Medical Sensors & Imaging*

The Institute of Physics Publishing (IOPP) and Institute of Physics and Engineering in Medicine (IPEM) are excited to announce an opportunity for an enthusiastic and experienced Editor-in-Chief to lead the launch of our new open access journal, *Medical Sensors & Imaging*. We are looking for a visionary leader with a deep passion for innovative research at the intersection of physics and biomedical sciences. The ideal candidate will be driven to propel the journal forward, ensuring the publication of high-quality, impactful research.

MSI will be dedicated to advancing personalized health through cutting-edge research at the intersection of physics and biomedical sciences. MSI will focus on the convergence of traditional medical physics disciplines with emerging fields such as quantum technologies, machine learning, and personalized healthcare, particularly as they pertain to medical sensors and imaging.

As the Editor-in-Chief, you will serve as the journal's scientific advisor, providing valuable community insights and acting as a strong advocate for the journal. You will play a pivotal role in defining and building the scope of the journal, enhancing its status and visibility within the scientific community.

About the Role

As Editor-in-Chief, you will collaborate with the IOPP journal team to launch *Medical Sensors & Imaging* by shaping its scope and setting its strategic direction to ensure significant impact within the global physics and biomedical sciences community. Working closely with the IOPP Publisher, you will help create and lead the Editorial Board, identifying key areas for growth, implementing editorial initiatives, and achieving the journal's aims.

The role will start September 15th 2025. The journal will be open for submissions in October 2025, the first issue will be published Q2 2026.

In this role, you will:

- **Build:** Define and expand the journal's scope to cover emerging and impactful areas within medical sensors and imaging.
- **Lead:** Provide scientific guidance and leadership to the Editorial Board, ensuring the journal's content is of the highest quality and relevance.

- **Advocate:** Act as an ambassador for the journal, enhancing its status and visibility within the scientific community.
- **Innovate:** Collaborate with the Editorial Board to develop new ideas and initiatives that reflect the evolving landscape of biomedical physics research.

What We Offer

- **An annual honorarium.** The term is for three years, with possibility for extension.
- **Flexible Working Hours:** We understand the importance of work-life balance and offer flexibility to accommodate your professional and personal commitments. The role requires approximately 3.5 hours per week.
- **Diversity and Inclusion:** IOPP is committed to fostering a diverse and inclusive environment. We encourage applications from individuals of all genders, backgrounds, and career stages. We believe diversity enriches our community and enhances our ability to innovate.
- **Professional Growth:** This role offers an excellent opportunity to expand your professional network, develop leadership skills, and contribute to the advancement of physics research on a global scale.

Ideal Candidate

We are looking for a candidate who has:

- **Extensive Knowledge:** A broad understanding of the field of physics and biomedical sciences.
- **Editorial skills:** Objective and astute editorial decision-making.
- **Leadership Skills:** Strong leadership qualities with the ability to inspire and manage an international team.
- **Effective Communication:** Excellent communication skills, with the ability to influence and engage diverse audiences.
- **Commitment to Integrity:** A strong commitment to scholarly integrity and ethical publishing practices.
- **Alignment with DEI Goals:** A commitment to promoting diversity, equity, and inclusion in all aspects of the role.
- **Adaptability:** A dynamic approach to adapting to the rapidly changing publishing environment.

Application Process

We value the unique perspectives and experiences of all applicants. To apply, please submit:

- **A current CV**
- **A one-page vision statement** outlining your goals for the journal over the next three years. In this statement, please address:
 - Opportunities for the journal's development

- Strategies to build the journal's scope and impact
- Your editorial experience
- Your commitment to open research and diversity in publishing.

Applications should be sent to EditorialBoards@ioppublishing.org by **August 18th 2025**.

About *Medical Sensors & Imaging*

Medical Sensors & Imaging will launch in 2026 and be published by IOP Publishing on behalf of the Institute of Physics and Engineering in Medicine (IPEM). It will be an international open access journal, aiming to advance the field of personalized health through publishing innovative research at the intersection of physics and biomedical sciences.

MSI will focus on the convergence of traditional medical physics disciplines with emerging fields such as quantum technologies, machine learning, and personalized healthcare, particularly as they pertain to medical sensors and imaging.

MSI will publish groundbreaking findings in medical image processing, analysis, visualization, and instrumentation, as well as the development and application of biomedical sensors. We are committed to disseminating research that not only enhances scientific understanding but also has tangible applications in improving patient care and health outcomes.

MSI aims to be a leading source of innovative research and developments in medical sensing and imaging technologies. We will publish content that is of significant interest to academia, industry professionals, medical engineers, and clinicians.

About IOP Publishing

IOP Publishing is a society-owned scientific publisher, delivering impact, recognition and value to the scientific community. Its purpose is to expand the world of physics, offering a portfolio of journals, ebooks, conference proceedings and science news resources globally.

IOPP is a member of [Purpose-Led Publishing](#), a coalition of society publishers who pledge to put purpose above profit.

As a wholly owned subsidiary of the Institute of Physics, a not-for-profit society, IOP Publishing supports the Institute's work to inspire people to develop their knowledge, understanding and enjoyment of physics. Visit iopublishing.org to learn more.

About Institute of Physics and Engineering in Medicine

IPEM represents a professional group of scientists, engineers, and technologists in clinical, industrial and academic employment. IPEM's charitable object is: *To promote for the public benefit the advancement of physics and engineering applied to medicine and biology and to advance public education in the field.*

Mission Improving health through Physics and Engineering in Medicine

Vision Developing the professional, improving healthcare, transforming lives together

To achieve this, we are a membership body which seeks to advance professionalism, a learned society offering education, training and development resources and an advocating voice on behalf of our members.