

Physica Medica

European Journal of Medical Physics

Physica Medica: European Journal of Medical Physics is published by Elsevier B.V. for the European Federation of Organisations for Medical Physics (EFOMP) and Associazione Italiana di Fisica Medica (AIFM). *EJMP* is the official journal of the Irish Association of Physicists in Medicine, the Société Française de Physique Médicale, the Czech Association of Medical Physicists and the Hellenic Association of Medical Physicists.

Aims and Scope

- **Medical Imaging**

Physics in medical imaging
Image processing
Medical acoustics and ultrasound

- **Radiation Therapy**

Physics in radiation oncology
Radiation dosimetry
Laser applications in medicine

- **Radiation Protection**

Ionising and non-ionising radiation protection
Biological effects of ionising and non-ionising radiation

- **Measuring Systems and Signal Processing**

Study and measurements of physiological parameters
Biomedical instrumentation
Physics of biological systems
Biosignal processing
Modelling and simulations
Information technology in medicine

- **Education and training in Medical Physics**

Contributions on other topics related to Applications of Physics to Biology and Medicine and in particular related to new emerging fields such as Molecular Imaging, Hadrontherapy, System biology, Nanoparticles and Nanotechnologies, etc. are strongly encouraged.

Editor in Chief - Paolo Russo, Naples, Italy

Past Editor in Chief - Fridtjof Nüsslin, Munich, Germany

Honorary Editor - Alberto Del Guerra, Pisa, Italy

Associate Editors

Dimos Baltas, Freiburg, Germany
Facundo Ballester, València, Spain
Manuel Bardies, Toulouse, France
Luc Beaulieu, Québec, Canada
Nicola Belcarì, Pisa, Italy
Eva Bezak, Adelaide, South Australia, Australia
Peter Biggs, Longboat Key, FL, USA
Jean-Pierre Bissonnette, Ontario, Canada
Kristina Bliznakova, Varna, Bulgaria
Michael Bock, Freiburg, Germany
Alessandra Bolsi, Villigen, Switzerland
Mauro Carrara, Milan, Italy
Carmel J. Caruana, Msida, Malta
Carlo Cavedon, Verona, Italy
Mario Ciocca, Pavia, Italy
Catharine Clark, Guildford, UK
John Damilakis, Crete, Greece
Philippe Després, Québec, Canada
Slobodan Devic, Montreal, Canada
Maria do Carmo Lopes, Coimbra, Portugal
Marco Durante, Trento, Italy
Michael K. Fix, Bern, Switzerland
Claudio Fiorino, Milan, Italy
Antonella Fogliata, Milan, Italy
Yoshinori Funama, Kumamoto, Japan

Franco Fusi, Florence, Italy
Robin Garcia, Avignon, France
Steffen Greulich, Heidelberg, Germany
Susanna Guatelli, Wollongong, Australia
Sebastien Incerti, Gradignan, France
Núria Jornet, Barcelona, Spain
Noriyuki Kadoya, Sendai, Japan
George C. Kagadis, Patras, Greece
Christian P. Karger, Heidelberg, Germany
Caroline Lafond, Rennes, France
Pietro Mancosu, Milan, Italy
A (Mani) Manivannan, Kilmarnock, Scotland, UK
Loredana G. Marcu, Oradea, Romania
Mario Marengo, Bologna, Italy
Nicholas Marshall, Leuven, Belgium
Roberta Matheoud, Novara, Italy
Michalis Mazonakis, Crete, Greece
Brendan McClean, Dublin 6, Ireland
Jamie McClelland, London, England, UK
Giovanni Mettivier, Naples, Italy
Juergen Meyer, Seattle, WA, USA
Philippe Meyer, Strasbourg Cedex - FRANCE
Grisel Mora, Lisbon, Portugal
Andrew Nisbet, Surrey, UK
Hugo Palmans, Middlesex, UK

Kostas Perisinakis, Crete, Greece
Tomasz Piotrowski, Poznan, Poland
Antonio Leal Plaza, Seville, Spain
Arnold Pompos, Dallas, USA
Björn Poppe, Oldenburg, Germany
Jaroslav Ptáček, Olomouc, Czech Republic
Tiziana Rancati, Milano, Italy
Paul Ravindran, Vellore, India
Nick Reynaert, Lille, France
Marco Schwarz, Trento, Italy
Ioannis Sechopoulos, Nijmegen, Netherlands
Joao Seco, Heidelberg, Germany
Jan Seuntjens, Montreal, Canada
Emiliano Spezi, Cardiff, UK
Andrew Stevenson, Victoria, Australia
Lidia Strigari, Rome, Italy
Daniela Thorwarth, Tübingen, Germany
Virginia Tsapaki, Athens, Greece
Iuliana Toma-Dasu, Stockholm, Sweden
Alberto Torresin, PhD, Milano, Italy
Annalisa Trianni, Udine, Italy
Antonella del Vecchio, Milan, Italy
Francis R. Verdun, Lausanne, Switzerland
Hui Yan, Chaoyang District, Beijing, China
Pat Zanzonico, New York, NY, USA

Editorial Board

Michele Avanzo, Aviano, Italy
Giovanni Borasi, Milan, Italy
Marco Brambilla, Novara, Italy
Gregory Delpon, Saint-Herblain, France
Ibrahim Duhaini, Beirut, Lebanon
Keith Faulkner, Wallsend, UK
Paolo Francescon, Vicenza, Italy
Giovanna Gagliardi, Stockholm, Sweden
Gisella Gennaro, Padova, Italy
Faustino Gomez, Santiago di Compostela, Spain
Gabriele Guidi, Emilia-Romagna, Italy
Jurgen Hesser, Heidelberg, Germany
Willi Kalender, Erlangen, Germany
Tommy Knöös, Lund, Sweden

Simone Kodulovich Renha, Brazil
Anchali Krisanachinda, Bangkok, Thailand
Thomas Lacornerie, Paris, France
Valeria Landoni, Rome, Italy
Kwan-Hoong Ng, Kuala Lumpur, Malaysia
Uwe Oelfke, Heidelberg, Germany
Renato Padovani, Udine, Italy
Daniele Panetta, Pisa, Italy
Luigi Rigon, Italy
Carl Rowbottom, Manchester, UK
Gary Royle, London, UK
Sauli Savolainen, Helsinki, Finland
Paolo Scalchi, Vicenza, Italy
Wolfgang Schlegel, Heidelberg, Germany

Jan Sijbers, Wilrijk, Belgium
Roelf Slopsema, USA
Michele Stasi, Torino, Italy
Tae Suk Suh, Korea
Slavic Tabakov, London, UK
Cinzia Talamonti, Firenze, Italy
Sabina Sonia Tangaro, Bari, Italy
Eliseo Vaño, Madrid, Spain
Ivan Veronese, Milan, Italy
Kevin Wells, Surrey, UK
Michael Wucherer, Nürnberg, Germany
Golam Abu Zakaria, Gummersbach, Germany

Available online at www.sciencedirect.com

ScienceDirect