

Announcement: Galileo Galilei Award



The *Galileo Galilei Award in Medical Physics* is given every year to the best paper published in this journal in the previous year.

In 2020, the prize has been awarded to Simon Jolly et al., “Technical challenges for FLASH proton therapy”, *Phys. Med.* 2020;78:71-82.

Physica Medica - the European Journal of Medical Physics, is happy to announce that the paper **“Data preparation for artificial intelligence in medical imaging: A comprehensive guide to open-access platforms and tools”** by Oliver Diaz, Kaisar Kushibar, Richard Osuala, Akis Linardos, Lidia Garrucho, Laura Igual, Petia Radeva, Fred Prior, Polyxeni Gkontra, Karim Lekadir, published in *Physica Medica*, Volume 83, March 2021, Pages 25-37, DOI: <https://doi.org/10.1016/j.ejmp.2021.02.007>, has been elected the best paper published in the journal in the year 2021.

In this paper the authors focused on essential aspects for applying AI-based solutions in medical imaging. They elaborated a comprehensive guide to select the computational tools and platforms for preparing medical images before applying AI algorithms. The key steps that were included in the guideline cover the deidentification, curation and storage of data as well as the annotations tools. The structured summary provided in the paper allows the readers of Physica Medica to navigate easier through the many available tools and platforms to prepare data prior to developing or applying AI algorithms and thus to make informed choices – a key step towards successfully making use the AI-based solutions in medical imaging.

The selection of the best paper has been performed on the basis of citations and downloads together with the assessment by the Editors, Associate Editors and members of the Editorial Board.

We congratulate the authors for this paper, as the winners of the Galileo Galilei Award 2021.

The Galileo Galilei Award, consisting of a medal and a certificate, will be given to the authors during the ECMP 2022 Conference in Dublin, Ireland, 17-20 August 2022 (<http://www.ecmp2022.org/>).

Prof. Iuliana Toma-Dasu
Physica Medica
Editor-in-Chief

Physica Medica: European Journal of Medical Physics (EJMP) is published by Elsevier B.V. for the European Federation of Organisations for Medical Physics (EFOMP) and Associazione Italiana di Fisica Medica e Sanitaria (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, the Hellenic Association of Medical Physicists. EJMP is also a scientific journal of the International Organization for Medical Physics (IOMP).