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 2015, the prize has been awarded to Antonello E. Spinelli and Federico Boschi, “Novel biomedical applications of Cerenkov radiation and radioluminescence imaging”, Phys. Med. 2015;31(2):120–129.

Physica Medica – the European Journal of Medical Physics, is happy to announce that the paper “Multicentre treatment planning inter-comparison in a national context: The liver stereotactic ablative radiotherapy case” by Marco Esposito, Giulia Maggi, Carmelo Marino, Laura Bottalico, Elisabetta Cagni, Claudia Carbonini, Micheline Casale, Stefania Clemente, Valentina D’Alesio, David Fedele, Francesca Romana Giglioli, Valeria Landoni, Anna Martinotti, Roberta Nigro, Lidia Strigari, Elena Villaggi, and Pietro Mancosu, published in Physica Medica, Volume 32, Issue 1, January 2016, Pages 277–283, has been elected the best paper published in the journal in the year 2016.

In this paper the authors compared five liver metastasis stereotactic ablative radiotherapy treatment plans optimised in fourteen centres with 3D Conformal Radiation Therapy, Intensity Modulated Radiation Therapy, Volumetric Modulated Arc Therapy, CyberKnife robotized Radiation Therapy and Tomotherapy, revealing significant dosimetric differences in target coverage and sparing of organs at risk, related to human factors and specific target volume constraints rather than to treatment planning and radiation delivery technology. This paper presented the results of a task group of the Associazione Italiana di Fisica Medica (AIFM) ”Dosimetry, physics, and radiobiology of image guided hypofractionated ablative radiotherapy”.

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 2016.

The Galileo Galilei Award, consisting of a medal and a certificate, will be given to the authors during the meeting of the Editorial Board of Physica Medica, to be held during the International Conference on Monte Carlo Techniques for Medical Applications (MCMA2017), October 15–18, 2017, Naples, Italy.

Prof. Paolo Russo
Physica Medica¹
Editor-in-Chief

¹ 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 and Société Française de Physique Médicale. EJMP is also supported by twenty eight national societies of Medical Physics.