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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 2017, the prize has been awarded to F. Guerreiro et al., "Evaluation of a multi-atlas CT synthesis approach for MRI-only radiotherapy treatment planning", *Phys. Med.* 2017;35:7-17.

Physica Medica - the European Journal of Medical Physics, is happy to announce that the paper "**Robustness of VMAT and 3DCRT plans toward setup errors in radiation therapy of locally advanced left-sided breast cancer with DIBH**" by Christer Andre Jensen, Ana María Acosta Roa, Marie Johansen, Jo-Åsmund Lund, Jomar Frengen, published in *Physica Medica*, Volume 45, January 2018, Pages 12-18, DOI: <https://doi.org/10.1016/j.ejmp.2017.11.019>, has been elected the best paper published in the journal in the year 2018.

In this paper the authors compared the volumetric modulated arc-therapy (VMAT) and the standard three-dimensional conformal radiotherapy (3DCRT) in locally advanced breast cancer radiation treatment plans of twenty patients with left breast carcinoma. They investigated the perturbed doses induced by localization offsets for deep inspiration breath-hold (DIBH) conditions with either treatment plan, in order to determine their correspondingly determined robustness, which they showed to be significantly higher for VMAT with respect to 3DCRT.

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 2018.

The Galileo Galilei Award, consisting of a medal and a certificate, will be given to the authors during the EFOMP Council meeting in Warsaw, Poland, October 2019.

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, Société Française de Physique Médicale, the Czech Association of Medical Physicists, the Hellenic Association of Medical Physicists. EJMP is also supported by twenty six national societies of Medical Physics.

Paolo Russo (Prof. Editor-in-Chief)

Physica Medica

<https://doi.org/10.1016/j.ejmp.2019.04.025>

Available online 07 May 2019
1120-1797