

Focus Issue of EJMP dedicated to

"Advances in Geant4 applications in medicine"

Guest Editors:

Sebastien Incerti, Jeremy M. C. Brown, Susanna Guatelli, Nick Reynaert, Joao Seco, Emiliano Spezi

CALL FOR PAPERS

Physica Medica – European Journal of Medical Physics announces the publication of a volume dedicated to full papers reporting latest advancements of Monte Carlo simulations in medicine using the Geant4 software toolkit. The volume will contain regular peer-reviewed papers.

Medical physics aspects for the following applications will be covered in the volume:

- diagnostic imaging (quality assessment and dosimetry)
- x-ray radiotherapy treatments
- hadron therapy
- hadron radiography and tomography
- brachytherapy
- radiobiology (including Geant4-DNA)
- nuclear medicine imaging
- targeted radioimmunotherapy
- radiation protection
- detector development and computing
- radiation shielding
- parallel and GPU computing

All papers should be submitted electronically through the EJMP website:

<https://ees.elsevier.com/ejmp/default.asp>

Submission of articles is also welcome from presentations at the "Third Geant4 International User Conference at the Physics-Medicine-Biology frontier", that will take place on October 29-31, 2018, in Bordeaux, France (<http://geant4.in2p3.fr/2018>).

Important dates:

Starting date for submission: 1st November 2018

Last date for submission: 31st December 2018

Publication date: Physica Medica – May 2019