DESCRIPTION

Computer Physics Communications publishes research papers and application software in the broad field of computational physics; current areas of particular interest are reflected by the research interests and expertise of the CPC Editorial Board.

The focus of CPC is on contemporary computational methods and techniques and their implementation, the effectiveness of which will normally be evidenced by the author(s) within the context of a substantive problem in physics. Within this setting CPC publishes two types of paper. Computer Programs in Physics (CPiP)

These papers describe significant computer programs to be archived in the CPC Program Library which is held in the Mendeley Data repository. The submitted software must be covered by an approved open source licence. Papers and associated computer programs that address a problem of contemporary interest in physics that cannot be solved by current software are particularly encouraged. Computational Physics Papers (CP)

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INTRODUCTION
An International Journal and Program Library for Computational Physics

Computer Physics Communications (CPC) publishes research papers and application software in the broad field of computational physics; current areas of particular interest are reflected by the research interests and expertise of the CPC Editorial Board.

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Scope

The focus of CPC is on contemporary computational methods and techniques and their implementation, the effectiveness of which will normally be evidenced by the author(s) within the context of a substantive problem in physics. The introduction to each paper should be directed to a general audience and the author(s) must clearly articulate the novelty and significance of the paper and how it will advance the solution of an important physics application.

Types of contribution

Within the above scope Computer Physics Communications publishes the following types of paper.

Computational Physics Papers (CP). These are research papers in any area of computational physics within the journal’s aims and scope.

Computer Programs in Physics Papers (CPiP). These are full papers describing new or revised programs to be placed in the CPC Program Library. The submitted software must adhere to one of the following Mendeley Data approved open-source software licenses: MIT, Apache-2.0, BSD 3-clause, BSD 2-clause, GPLv3, GLPv2, CeCILL, CeCILL-B. CC by 4.0, CC by NC 3.0

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