Wolfgang Dalitz

Mathematical Programming Computing – wissenschaftlich publizieren mit OJS.

Zuse Institute Berlin

Mathematical Programming Computation

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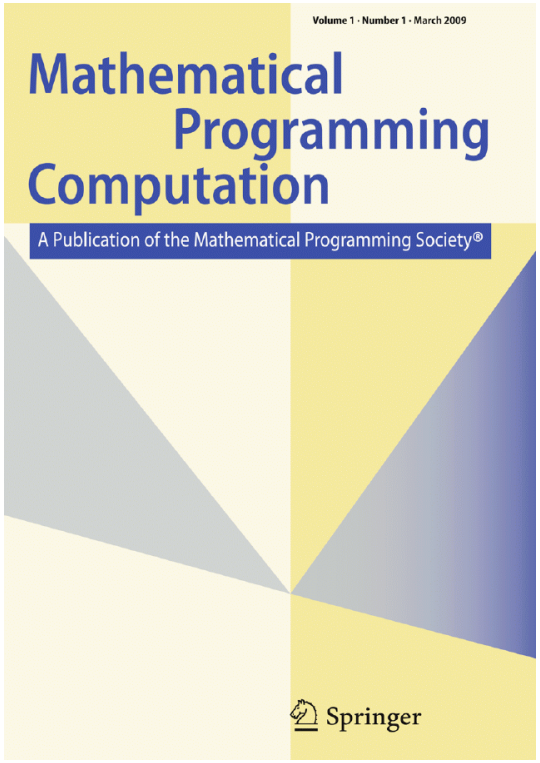
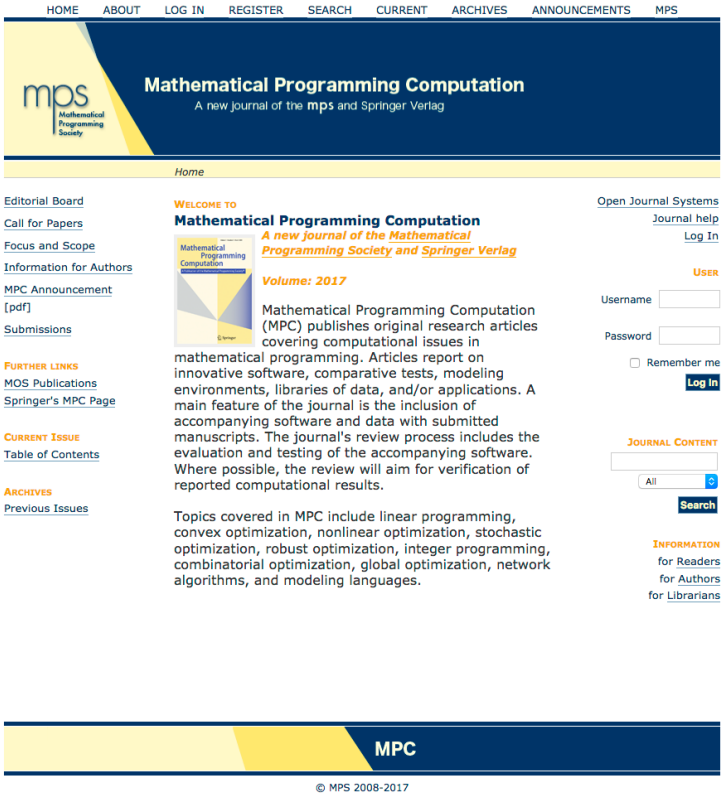


published by Springer



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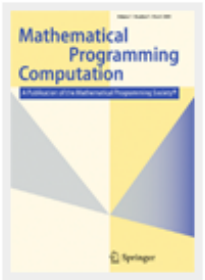
Features



A new journal of the Mathematical Programming Society and Springer Verlag

Volume: 2017

Mathematical Programming Computation (MPC) publishes original research articles covering computational issues in mathematical programming. Articles report on innovative software, comparative tests, modeling environments, libraries of data, and/or applications. A main feature of the journal is the inclusion of accompanying software and data with submitted manuscripts. The journal's review process includes the evaluation and testing of the accompanying software. Where possible, the review will aim for verification of reported computational results.

Topics covered in MPC include linear programming, convex optimization, nonlinear optimization, stochastic optimization, robust optimization, integer programming, combinatorial optimization, global optimization, network algorithms, and modeling languages.

MPC

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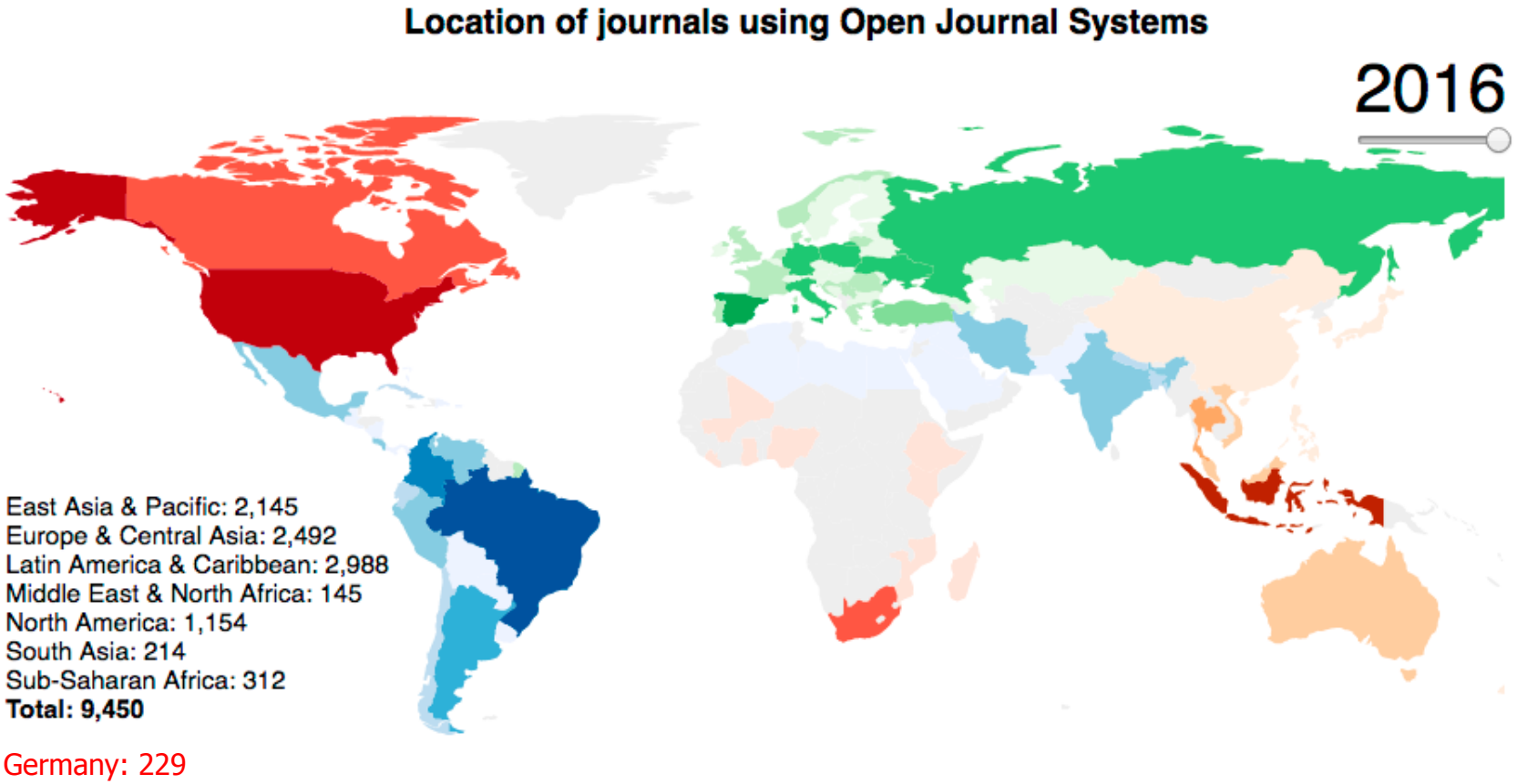
MPC is based on OJS



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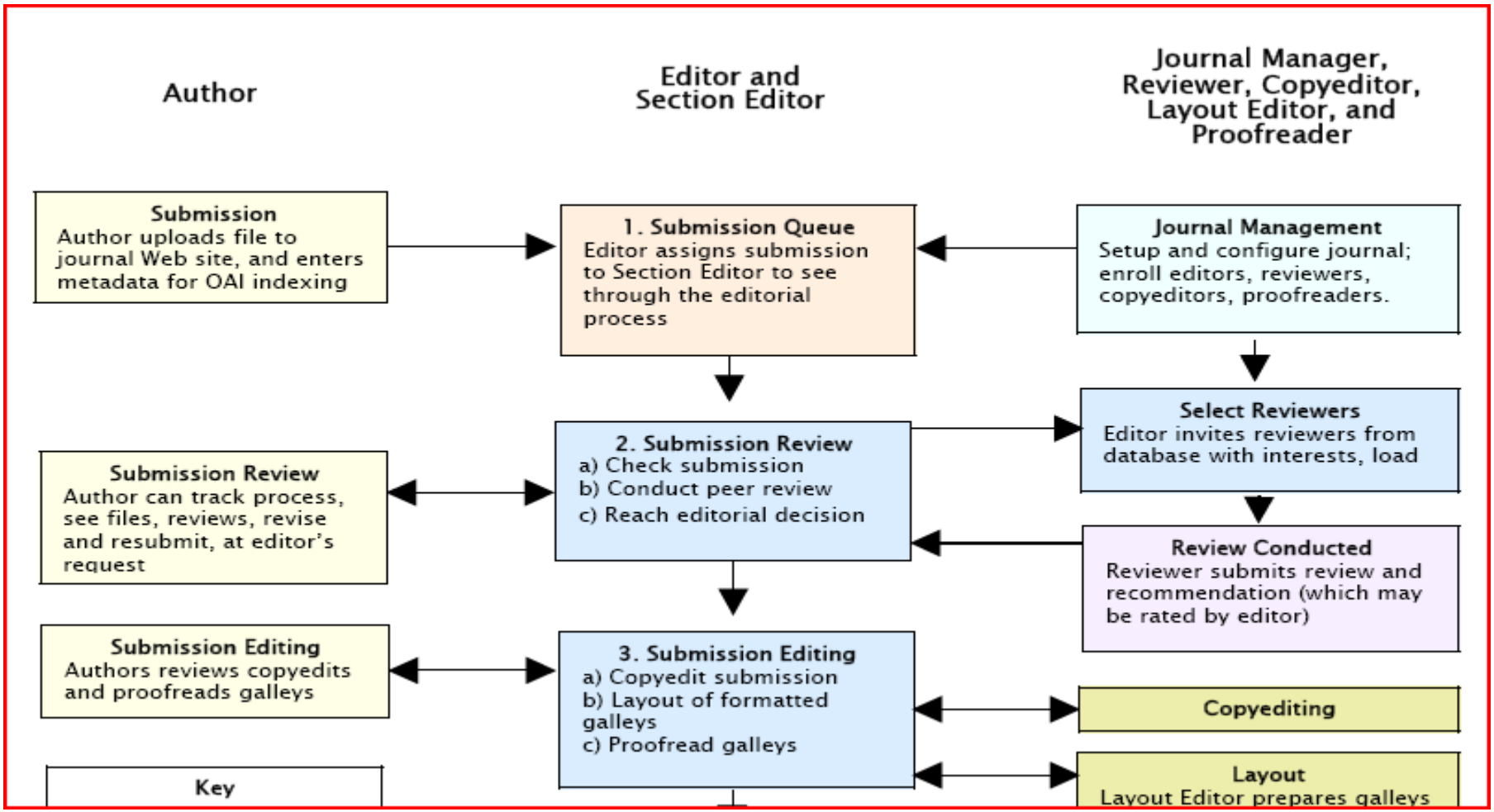
OJS-Map: https://pkp.sfu.ca/ojs/ojs-usage/ojs-map/

(main) Workflow



Recommendations

http://www.software.ac.uk/resources/guides/which-journals-should-i-publish-my-software

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In which journals should I publish my software?

By Neil Chue Hong.

Until there is a radical change in the way that academic credit is given, the principal record of scientific research is still the peer-reviewed publication. Given that software is a fundamental part of doing science in the digital age, the question we are often asked is: *where can I publish papers which are primarily focused on my scientific software?*

The following is a list of journals which accept submissions that are primarily about the software, and not necessarily on new algorithms or new science. There is an expectation that the use of the software will enable new research to be carried out. This list of journals is not exhaustive - if you know of others, please let us know.

Informatics, Mathematics and Statistics

- ACM Transactions on Mathematical Software
- The Archive of Numerical Software
- Future Generation Computer Systems
- Journal of Machine Learning Research (Machine Learning
- Journal of Multiscale Modelling and Simulation
- Journal of Parallel and Distributed Computing
- Journal of Software for Algebra and Geometry *[example]*
- Journal of Statistical Software
- Knowledge-Based Systems
- LMS Journal of Computation and Mathematics *[example]*
- The Mathematica Journal *[example]*
- Mathematical Programming Computation
- Numerical Algorithms
- The R Journal
- Science of Computer Programming *[example]*