

# MATHEMATICS IN COMPUTER SCIENCE

## SPECIAL ISSUE on

### “Mathematical Software (ICMS 2018 Notre Dame)”

# Call for Papers

<https://easychair.org/conferences/?conf=mcsicms2018>



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#### Important Dates:

Submission deadline: 31 October  
2018

Author Notification: January 2019

Camera ready: February 2019

#### Paper Submission:

Authors will submit their articles using EasyChair, at the URL shown above. Please submit a pdf file of maximum 15 pages. The final version should be prepared using the MCS style format. Instructions for authors may be found at

<http://www.cc4cm.org/mcs/>

This special issue will include selected refereed papers presented at the International Congress on Mathematical Software (ICMS 2018) held July 24-27, at the University of Notre Dame (USA) <http://icms-conference.org/2018/>.

All papers will be refereed according to the high standards of MCS. Specific topics include, but are not limited to:

- *Algorithms and applications for curves and surfaces*
- *Symbolic Summation and Integration*
- *Polyhedral methods in geometry and optimization*
- *Post-Quantum Group-based Cryptography*
- *Gröbner Bases*
- *Machine Learning for Mathematical Software*
- *Satisfiability Checking and Symbolic Computation*
- *Mathematical Interfaces: Computing, Modeling, Web & Mobile*
- *Backtrack search techniques in groups and combinatorics*
- *Computational Algebraic Geometry*
- *Symbolic Combinatorics*
- *Towards Composable Mathematical Software*
- *Management of Mathematical Software, Mathematical Knowledge and Research Data*
- *Software for exact and certified numeric computations*
- *Quantifier Reasoning*
- *Formal and Informal Mathematical Corpora*
- *Software for Mathematical Reasoning and Applications*
- *Papers presented in the General Session at ICMS 2018*



