

Maple Conference 2019

October 15-17, 2019 | Waterloo, Ontario, Canada

This conference is dedicated to exploring different aspects of the math software Maple, including Maple's impact on education, new symbolic computation algorithms and techniques, and the wide range of Maple applications. Attendees will have the opportunity to learn about the latest research, share experiences, and interact with Maple developers.

A **keynote presentation** and **cocktail reception** will be held at the Perimeter Institute on October 15.

The **full conference program** will be presented at the University of Waterloo on October 16 and 17.

Call for Papers and Presentations

Maple Conference 2019 invites submissions of papers and extended abstracts (presentation proposals) on a range of topics related to Maple, falling into three broad categories:

Maple in Education

Topics could include, but are not limited to:

- Innovative/effective uses of Maple in the classroom (new ways to approach old problems, methods for using Maple to teach courses outside of traditional core math, impact on the curriculum, etc.)
- Measurable improvements in student performance after integrating Maple into a course
- Classroom tips and techniques/best practices drawn from experience
- Use of Maple in non-classroom based instruction

Algorithms and Software

Topics could include, but are not limited to:

- Symbolic and symbolic-numeric methods for solving mathematical problems, from any field
- Algorithm optimization and performance tuning techniques
- Effective use of types and data representations for particular problems or domains
- User interfaces for mathematical problem solving

Applications of Maple

Topics could include, but are not limited to:

- Applications that use Maple in unusual settings or in unusual ways
- Applications that push or extend the limit of what Maple can do
- Applications that explore critical world problems
- Applications that combine Maple with other technology



Submit papers at
www.mapleconference.com





All papers and extended abstracts will undergo peer-review. Accepted papers and extended abstracts will be published in the conference proceedings.

Note: While this conference is sponsored by Maplesoft, final selection of papers and presentations for the conference is made by the Maple Conference 2019 Program Chair, Ilias Kotsireas of Wilfrid Laurier University.

Papers

Papers should not duplicate work published or submitted for consideration elsewhere. If your paper is accepted, at least one author is expected to attend the conference to present the paper.

Papers must be in English and should not exceed 15 pages.

Extended Abstracts (Presentation Proposals)

Extended Abstracts for your proposed presentation must be in English and should be between 2 and 3 pages. If your presentation proposal is accepted, at least one author is expected to attend the conference to present the paper.

All presentations at Maple Conference 2019 are to be given in English.

Submission Instructions (papers and abstracts)

Please follow the Springer LNCS conference proceedings author instructions.

Authors should download the .zip file: "LaTeX2e Proceedings Templates."

Details at: www.mapleconference.com

Conference Details and Important Dates

Conference Date: October 15 –17, 2019

Location: Perimeter Institute AND University of Waterloo. Both are located in Waterloo, Ontario, CANADA

Program Chair: Ilias Kotsireas, Wilfrid Laurier University

Submission Deadlines

Paper and Extended Abstract submission: May 27, 2019

Notification of acceptance/rejection: August 5, 2019

Camera-ready copy due: September 16, 2019

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