The 2020 Maple Conference has gone **VIRTUAL!**

Maple Conference 2020

November 2 - 6, 2020

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.

Keynote Presenters

Dr. Gabor Domokos
The Gömböc and the Shapes of Nature

The Gömböc, whose original constructive proof relied on Maple computations, and the theory leading to its discovery is centrally connected to the understanding of the evolution of shapes in the non-living nature. Prof. Domokos will highlight the essence of this connection and illustrate it with examples from earth and planetary sciences.

Dr. Juana Sendra Pons
Bohemian Matrices: Past, Present and Future

A matrix family is called Bohemian if its entries come from a fixed finite discrete (and hence bounded) set, usually integers. We look at Bohemian matrices, specifically those with entries from {-1, 0, +1}. The name is a mnemonic for Bounded Height Matrix of Integers. Such families arise in many applications (e.g. compressed sensing) and the properties of matrices selected "at random" from such families are of practical and mathematical interest.

In this talk we present a Bohemian Matrices tour, exposing their appearance in the past, their promising present and their hopeful future.

Dr. Laurent Bernardin
Building the Right Tools for Math Education

Maplesoft has been building tools for math education for over 30 years. But building the "right" tools needs to take a lot of factors into account, from advancements in technology, to evolving trends in education, to the impact of a global pandemic. In this presentation, Dr. Laurent Bernardin will discuss Maplesoft's vision for how math tools should evolve to give educators and students the right tools for the times, for today, in the near feature, and beyond.

Call for Presentations

Maple Conference 2020 invites submissions of proposals for presentations on a range of topics related to Maple, falling into three broad categories:

- Maple in Education
- Algorithms and Software
- Applications of Maple

Submission Deadline:
July 15th

Reasons to attend:

- Learn from experienced users. Inspire others
- Network with colleagues and peers
- Learn about what's coming in Maple
- Meet Maple Developers

For more details, visit: www.mapleconference.com

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