

SYNASC 2019

21st International Symposium on Symbolic and Numeric Algorithms for Scientific Computing

September 4-7, 2019, Timișoara, Romania

in conjunction with **FROM 2019**
3rd Working Formal Methods Symposium
<http://from2019.projects.uvt.ro/>

www.synasc.ro

Important Dates

- June 15 Submission of regular papers for main tracks
- June 30 Submission of papers for workshops, of work in progress and position papers, system descriptions and posters
- July 15 Notification of acceptance
- August 1 Registration
- August 1 Papers for pre-proceedings
- September 4-7 Symposium
- November 30 Final papers for post-proceedings

Tracks

- Symbolic Computation
- Numerical Computing
- Logic and Programming
- Artificial Intelligence
- Distributed Computing
- Advances in the Theory of Computing

Invited Speakers

- Anca Andreica, Romania
- Marcello Bonsangue, The Netherlands
- Swagatam Das, India
- James Davenport, UK
- Jonathan Hauenstein, USA
- Peter Csaba Olveczky, Norway
- Stephen Watt, Canada

Tutorials

- Homotopy continuation and numerical algebraic geometry using Bertini - Jonathan Hauenstein (USA)
- The Science, Art and Magic of Constrained Horn Clauses - Arie Gurfinkel (Canada) and Nikolaj Bjorner (USA)

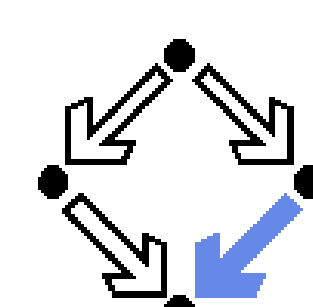
Organizers:



Department of Computer Science,
West University of Timișoara



Research Institute e-Austria
Timișoara, România



Research Institute for Symbolic Computation
Johannes Kepler University, Linz, Austria

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Aim

SYNASC aims to stimulate the interaction between the two scientific communities of symbolic and numeric computing and to exhibit interesting applications of the areas both in theory and in practice. The choice of the topic is motivated by the belief of the organizers that the dialogue between the two research areas is vital for accelerating the progress in making the computer a truly intelligent aid for mathematicians and engineers.

Publication

The accepted research papers presented at the symposium will be collected as post-proceedings published by Conference Publishing Service (CPS) and they will be submitted for inclusion in the IEEE Xplore and for indexing in ISI Web of Science, DBLP and SCOPUS.

Papers submission

Submissions of research papers are invited. The papers must contain original research results not submitted and not published elsewhere.

There are several categories of submissions:

- **Regular papers** (max 8 pages),
- **Workshop papers** (max 8 pages),
- **System descriptions and experimental papers** (max 4 pages),
- **Work in progress papers** (max 4 pages),
- **Position papers** (max 4 pages),
- **Posters** (max 2 pages).

All papers should be submitted electronically through:

+ <https://easychair.org/conferences/?conf=synasc2019>

Contact

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