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27th International Workshop on

COMPUTER ALGEBRA IN SCIENTIFIC COMPUTING

CASC 2025 · NOV. 24 – 28, DUBAI, THE UNITED ARAB EMIRATES

Topics

- new methods on exact computation;
- symbolic algorithms and their complexity;
- automated reasoning in algebra and geometry;
- parallel symbolic / symbolic-numeric computation;
- symbolic / symbolic-numeric methods for differential, differential-algebraic and difference equations;
- symbolic / symbolic-numeric methods for polynomial equations and inequalities;
- the embedding of computer algebra technology within different software and hardware environments;

Plenary Speakers

Abdul Jarrah, American University of Sharjah, UAE
Ilias Kotsireas, Wilfrid Laurier University, Canada

Program Committee

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- Michael Monagan, Simon Fraser University, Canada
- Chenqi Mou, Beihang University, China
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- Daniel Robertz, RWTH Aachen University, Germany
- Timur Sadykov, Plekhanov Russian University, Russia
- Éric Schost, University of Waterloo, Canada
- Thomas Sturm, CNRS, France
- Sergue Vinitsky, Joint Institute for Nuclear Research, Dubna, Russia
- Evgenii Vorozhtsov, Khristianovich Institute of Theoretical and Applied Mechanics, Russia

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