

CASC 2026

28th International Workshop on Computer Algebra in Scientific Computing

Aug. 31 – Sept. 4, 2026, Bath, UK



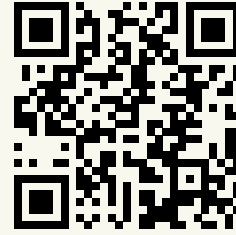
Topics

Theory and Algorithms

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

Applications

- approximate computation
- big data analytics
- simulation and modeling



casc-conference.org

Invited Speakers

Carsten Schneider – RISC, JKU Linz, Austria
Joseph Tooby-Smith – University of Bath, UK
Thi Xuan Vu – Université de Lille, France

Chairs

General Chairs

François Boulier – Université de Lille, France
Timur Sadykov – Plekhanov Russian University, Russia

Program Committee Chairs

Ali Kemal Uncu – University of Bath, UK
Chenqi Mou – Beihang University, China

Publicity Chairs

Dmitry Lyakhov – KAUST, Saudi Arabia
Thi Xuan Vu – Université de Lille, France

Local Organisation

James Davenport – University of Bath, UK
Ali Kemal Uncu – University of Bath, UK

Program Committee

François Boulier – Université de Lille, France
Florent Bréhard – Laboratoire CRISTAL, France
Changbo Chen – Chinese Academy of Sciences, China
Victor F. Edneral – Moscow State University, Russia
Matthew England – Coventry University, UK
Jonathan Hauenstein – University of Notre Dame, USA
Rui-Juan Jing – Jinagsu University, China
François Lemaire – Laboratoire CRISTAL, France
Fatemeh Mohammadi – KU Leuven, Belgium
Michael Monagan – Simon Fraser University, Canada
Marc Moreno Maza – University of Western Ontario, Canada
Chenqi Mou – Beihang University, China

Katsusuke Nabeshima – Tokyo University of Science, Japan
Sonia Perez-Diaz – Universidad de Alcala, Spain
Daniel Robertz – RWTH Aachen University, Germany
Timur Sadykov – Plekhanov Russian University, Russia
Éric Schost – University of Waterloo, Canada
Thomas Sturm – CNRS, France
Sergue Vinitzky – Joint Institute for Nuclear Research, Russia
Victor Selivanov – A.P. Ershov Institute of Informatics Systems, Russian Academy of Sciences, Russia
Svetlana Selivanova – KAIST, South Korea
Akira Terui – University of Tsukuba, Japan
Ali Kemal Uncu – University of Bath, UK