
Last call for papers, deadline extension to December 8, 2018.

MEGA 2019 Effective Methods in Algebraic Geometry
Universidad Complutense de Madrid June 17-21, 2019
Further information: <http://eventos.ucm.es/go/mega2019>

MEGA is the acronym for Effective Methods in Algebraic Geometry (and its equivalent in many other languages). This series of biennial international conferences, with a tradition dating back to 1990, is devoted to computational and application aspects of Algebraic Geometry and related topics. The conference will comprise invited talks, regular contributed talks, presentations of computations, and a poster session; the latter three are subject to a competitive submission process.

Invited speakers: Rob Corless (University of Western Ontario) Kaie Kubjas (Aalto University) Ignacio Luengo (Complutense University of Madrid) Mateusz Michalek (Max Planck Institute Leipzig) Bernard Mourrain (INRIA Sophia Antipolis) Francisco Santos (University of Cantabria) Kristin Shaw (University of Oslo) Cynthia Vinzant (North Carolina State University)

Important dates:

Deadline for submissions of papers/extended abstracts: December 8, 2018
Notification of acceptance of papers/extended abstracts: February 15, 2019

Deadline for submission of computation presentations/posters: March 10, 2019
Notification of acceptance of computation presentations/posters: April 10, 2019

Submissions: Please submit online at:

<https://easychair.org/conferences/?conf=mega2019>

Submissions should contain recent original research relevant to effective methods in algebraic geometry (in a broad sense), including their foundations, analysis, complexity, computational aspects, practical issues and applications.

There are three types of submissions, distributed over the two deadlines above:

- Regular papers, aimed to contributed talks: for these, authors can choose to submit either an extended abstract of at least four pages (not counting bibliography) that should contain full results, an outline of the proofs and all of the main ideas; or else a full paper with complete proofs.

- Computation presentations: these can concern new software packages, but also experiments with existing software that have led to new computational approaches to mathematical proofs/applications relevant to MEGA. Submission should be in the form of a short paper describing the software or computations.

- Posters: to be printed on A1, the posters will be exhibited during most of the conference, and during a poster session the authors will have the opportunity to discuss their work with the conference participants. There will be an award for the best poster contribution of a young researcher.

All submissions should clearly state the contributions and achievements, with sufficient detail to understand their significance.

Submissions may contain material already submitted elsewhere, but this fact has to be stated explicitly in the abstract. Acceptance of such submissions depends on their special significance for the community.

Acceptance of a submitted contribution means acceptance for oral or poster presentation only. A special issue of a journal is planned to which authors of accepted original papers will be invited to submit the full version after the conference. Only original research contributions will be considered for publication in the journal special issue.

The conference is co-organized by Universidad Complutense de Madrid, Universidad Politécnica de Madrid and Universidad de Alcalá. See the conference Web site for information about lodging. We particularly encourage the participation of young researchers. MEGA 2019 is a satellite event of the International Congress on Industrial and Applied Mathematics, Valencia, 2019. And directly after MEGA, the workshop MEGAR (Effective Methods in Real Algebraic Geometry, June 21-22) will take place at the same venue as MEGA, see:

<https://eventos.ucm.es/24016/detail/megar.html>

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