

Call for Papers

European Workshop on Computational Geometry (EuroCG 2015)

Ljubljana, Slovenia, March 15th to 18th, 2015.

<http://eurocg15.fri.uni-lj.si/>

SUBMISSION DEADLINE EXTENDED TILL January 12th 7am CET

The 31st European Workshop on Computational Geometry (*EuroCG 2015*) will be held on March 15-18 2015 in Ljubljana, Slovenia, with talks happening from March 16 to 18. EuroCG is an annual workshop that combines a strong scientific tradition with a friendly and informal atmosphere. The workshop is a forum where researchers can meet, discuss their work, present their results, and establish scientific collaborations. Topics of interest cover all aspects of computational geometry, including the following:

- discrete and combinatorial geometry and topology
- design and analysis of geometric algorithms and data structures
- implementation and experimental evaluation of geometric algorithms
- numerical and algebraic issues arising from implementations
- analysis of geometric configurations
- geometric modeling, visualization and simulation
- combinatorial optimization
- graph drawing
- computer-aided design and manufacturing
- geographic information systems
- robotics and virtual worlds

Submission and Proceedings

We invite authors to submit extended abstracts (4 pages, two columns) of original research. Submissions will be handled through EasyChair (<https://easychair.org/conferences/?conf=eurocg15>). We remark that EuroCG does not have formally reviewed proceedings. The abstracts will be made available for the benefit of the community and must be regarded as a collection of preprints rather than a formally reviewed selection of papers. Results presented

at EuroCG are expected to appear in other conferences with formal proceedings and/or in journals. In particular, papers that have just been submitted to other formally reviewed conferences are eligible for being presented at EuroCG, assuming they have not appeared by the time of the conference.

Submissions and final versions should be formatted according to the EuroCG style (using the [eurocg15.cls](#) LaTeX class kindly provided by Bettina Speckmann). Here is an [example file](#).

Invited Speakers

- *Aleš Leonardis*, University of Birmingham, United Kingdom and University of Ljubljana, Slovenia
- *Kurt Mehlhorn*, Max-Planck-Institut für Informatik, Germany
- *Bojan Mohar*, Simon Fraser University, Canada

Program Committee

- Mark de Berg, TU Eindhoven
- Prosenjit Bose, Carleton University
- Gerth Stølting Brodal, Aarhus University
- Andrej Brodnik (co-chair), University of Ljubljana and University of Primorska
- Sergio Cabello (co-chair), University of Ljubljana
- Paz Carmi, Ben-Gurion University of the Negev
- Éric Colin de Verdière, CNRS and École normale supérieure, Paris
- Erik Demaine, Massachusetts Institute of Technology
- Vida Dujmović, University of Ottawa

- Sándor Fekete, TU Braunschweig
- Robert Fraser, Google Inc.
- Meng He, Dalhousie University
- Matthew Katz, Ben-Gurion University of the Negev
- Rolf Klein, University of Bonn
- Jan Kratochvíl, Charles University, Prague
- Marc van Kreveld, Utrecht University
- Stefan Langerman, Université Libre de Bruxelles
- Alejandro López-Ortiz, University of Waterloo
- Martin Milanič, University of Primorska
- Neža Mramor Kosta, University of Ljubljana
- Ian Munro, University of Waterloo
- Patrick Nicholson, Max-Planck-Institut für Informatik
- Bengt J Nilsson, Malmö University
- Evanthia Papadopoulou, University of Lugano (USI)
- Tomaž Pisanski, University of Ljubljana and University of Primorska
- Pedro Ramos, University of Alcalá
- Borut Robič, University of Ljubljana
- Günter Rote, Freie Universität Berlin

- Shakhbar Smorodinsky, Ben-Gurion University of the Negev
- Bettina Speckmann, TU Eindhoven
- Primož Škraba, Jožef Stefan Institute
- Uli Wagner, IST Austria
- Borut Žalik, University of Maribor

Important Dates

Submission Deadline **EXTENDED: January 12, 2015; 7am CET (GMT+1)**

Acceptance Notification **EXTENDED: January 30, 2015**

Early Registration **EXTENDED: February 12, 2015**

Camera-ready version: March 1, 2015

Organizing Committee

Andrej Brodnik, Sergio Cabello, Uroš Čibej, Gašper Fele-Žorž, Matevž Jekovec, Jurij Mihelič, Bisera Milosheska, Nataša Mori, and Milutin Spasić, all with University of Ljubljana, Slovenia.