



<http://2011.cccg.ca>

CCCG will be held in cooperation with the Fields Institute, as part of the Fields Thematic Program on Discrete Geometry and Applications. The conference site will be at Fields and the adjacent campus of the University of Toronto. This year it is expected that student registration fees will be reimbursed. See website for details and updates.

SCOPE

CCCG focuses on the design of efficient algorithms, the development of software, and the study of the mathematical foundations of computational problems whose formulations involve geometric constraints. The field of computational geometry is motivated by problems from a broad range of application areas, as diverse as computer graphics and animation, computer vision, computer-aided design and manufacturing, geographic information systems, pattern recognition, wireless communications, robotics, protein folding, urban planning, graph drawing, or statistical analysis to name just a few. Authors are invited to submit papers describing original research of theoretical or practical significance in computational, combinatorial and discrete geometry, as well as related areas.

AUDIENCE

CCCG is an international forum, accessible to a broad community of researchers, to disseminate and discuss new theoretical and applied results in discrete and computational geometry. The intended audience for this conference includes graduate and undergraduate students, researchers in the area, and members of industry whose work involves geometric computation.

SUBMISSION DETAILS

Submissions should not exceed six pages, must be submitted electronically, and must be prepared using LaTeX; the appropriate template is available from the conference website. Authors who feel that additional details are necessary should include a clearly marked appendix, which will be read at the discretion of the Program Committee. Each submission will be refereed by at least three members of the Program Committee. Details on the submission procedure are outlined on the conference website. Six-page papers accepted at CCCG will appear in the printed proceedings of the conference. Electronic proceedings without page limits will be hosted at <http://cccg.ca>. Selected papers from the conference will be invited for submission to a special issue of the journal *Computational Geometry: Theory and Applications*.

INVITED SPEAKERS

Noga Alon (Tel Aviv University) [Paul Erdős Memorial Lecture]
William Steiger (Rutgers University)
Emo Welzl (ETH Zurich)

IMPORTANT DATES

Submissions Due: May 8, 2011
Notification of Acceptance: June 5
Final Versions Due: June 19
Early Registration: July 8
Conference: August 10-12 (reception on 9th), 2011

PROGRAM COMMITTEE

Greg Aloupis (U.L.B.)	Joachim Gudmundsson (National ICT, Australia)
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SPONSORS

We thank the following organizations for generously supporting CCCG 2011.

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