



SECOND CALL FOR PAPERS RECOMB Comparative Genomics 2018

SCOPE

The annual RECOMB Comparative Genomics Satellite Conference (RECOMB-CG) brings together leading researchers in the mathematical, computational and life sciences to discuss cutting edge research in comparative genomics, with an emphasis on computational approaches and the analysis of novel experimental results. The program will include keynote talks, contributed talks, and a poster session.

The [16th RECOMB-CG conference](#) will be held at the Manoir des Sables, in beautiful Magog-Orford, near Sherbrooke, Québec, Canada on October 9-12 2018. With this Call for Papers we invite high-quality original full papers on topics related to the conference theme. The conference will also have a poster session. A detailed call for posters will be published later on the conference web page:

<https://recombcg2018.usherbrooke.ca>

TOPICS

Papers are solicited on, but not limited to, the following topics:

- genome evolution
- population genomics
- genome rearrangements
- genome variation, diversity and dynamics
- phylogenomics
- comparative tools for genome assembly
- comparison of functional networks
- gene identification and/or annotation
- cancer evolutionary genomics
- comparative epigenomics
- paleogenomics
- epidemiology

IMPORTANT DATES

- Paper Submission Deadline: **June 18, 2018**
- Author Notification: **July 20, 2018**
- Final Version Due: **August 3, 2018**
- Conference: **October 9-12, 2018**

DETAILS ON SUBMITTING MANUSCRIPTS

Submitted papers must have not been published or be currently under consideration for publication in any other journal or conference with formal proceedings. Each accepted paper has to be presented by one of the authors at the conference.

Accepted papers will be published in the conference proceedings, a volume in the Lecture Notes in Bioinformatics (LNBI) series. In addition, authors of selected papers will be invited, but not required, to submit a significantly extended version of their papers to Algorithms for Molecular Biology. Extended papers submitted will be handled by the Program Committee co-chairs. Authors who choose to publish their extended manuscripts will have to pay the journal's publication fees. Authors are encouraged to submit their manuscripts in PDF format according to the LNBI series guidelines:

<http://www.springer.com/us/computer-science/lncs/conference-proceedings-guidelines>

Submitted papers must be within 15 pages (in the LNBI format), with optionally a clearly marked appendix containing supplementary material made available to the reviewers.

All submissions must be made online, through the EasyChair submission system, at the following address:

<https://easychair.org/conferences/?conf=recombcg2018>

Authors need to register on that web site before submitting. A standard PDF file must be received by midnight on **June 18, 2018** (any time zone) in order for a submission to be considered. Re-submission of already submitted papers will be possible until midnight **June 18, 2018** (any time zone).

CONFIRMED KEYNOTE SPEAKERS

- **Belinda Chang** (Department of Ecology and Evolutionary Biology, University of Toronto, Canada)
- **Dannie Durand** (Department of Biological Sciences, Carnegie Mellon University, USA)
- **Daniel Durocher** (The Lunenfeld-Tanenbaum Research Institute, Mount Sinai Hospital, University of Toronto, Canada)
- **Christian Landry** (Institute for Integrative Systems Biology, Laval University, Canada)
- **Gwenaél Piganeau** (Banyuls Oceanographic Observatory and National Centre for Scientific Research, France)
- **Xavier Roucou** (Department of Biochemistry, University of Sherbrooke, Canada)

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CONTACT

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