

# Sixth Annual RECOMB Satellite Meeting on Comparative Genomics

October 13-15, 2008

Ecole Normale Supérieure, Paris, France

<http://igm.univ-mlv.fr/RCG08>

## THEME AND SCOPE

Rapid DNA sequencing technologies have fueled an explosion in genome level data. RECOMB-CG is devoted to the development and utilization of computational methods for the comparative exploration of genome structure, function, and evolution. Both theoretical and applied contributions are welcome, and papers that combine new techniques with new knowledge derived from their application are highly encouraged.

Submissions should include genome wide analyses informed by comparative data. Topics of interest include but are not limited to:

- Algorithms for comparative genomics
- Genome rearrangements
- Ancestral genome reconstruction
- Multiple genome alignment
- Genome sequence comparison
- Modeling genome evolution
- Identification, classification, and evolution of non-coding motifs
- Comparative genomics for genome annotation
- Gene and genome duplication
- Evolution of gene families
- Identification of highly conserved and rapidly evolving sequences
- Gene tree reconciliation
- Comparative genomics and epigenetics
- Comparative genomics and proteomics
- Comparative genomics and gene expression
- Comparative genomics and adaptation

## KEY DATES

**Paper submission deadline** June 16, 2008

**Notification of paper acceptance** July 14, 2008

**Final manuscript due** July 24, 2008

**Poster submission deadline** September 22, 2008

**Workshop** October 13-15, 2008

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- Aoife McLysaght (Trinity College Dublin)
- David Sankoff (University of Ottawa)

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- Jens Stoye (Bielefeld University, Germany)
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