

IWOCA 2011

22ND INTERNATIONAL WORKSHOP ON COMBINATORIAL ALGORITHMS
20–22 JUNE 2011, VICTORIA, CANADA

<http://www.iwoca.org/iwoca2011>

Invited Speakers:

T. Asano (Japan Advanced Institute of Science and Technology)
P. Hell (Simon Fraser University)
I. Munro (University of Waterloo)
C. Sahinalp (Simon Fraser University)

Steering Committee:

C. Iliopoulos (King's College London)
M. Miller (University of Newcastle, Australia)
W. Smyth (McMaster University)

Program Committee:

F. Abu-Khazam (Lebanese American University)
A. Amir (Bar Ilan University)
S. Arumugam (Kalasalingam University)
H. Bannai (Kyushu University)
L. Brankovic (University of Newcastle)
G. Brodal (Aarhus University)
C. Colbourn (Arizona State University)
M. Crochemore (King's College London)
D. Donovan (University of Queensland)
A. Frieze (Carnegie Mellon University)
D. Froncek (University of Minnesota Duluth)
R. Grossi (University of Pisa)
S. Hamel (University of Montreal)
J. Holub (Czech Technical University in Prague)
S.-H. Hong (University of Sydney)
C. Iliopoulos (co-chair, King's College London)
R. Klasing (LaBRI & CNRS)
R. Kosaraju (Johns Hopkins University)
M. Kubica (Warsaw University)
A. Lubiw (University of Waterloo)
M. Miller (University of Newcastle)
L. Mouchard (University of Rouen)
I. Munro (University of Waterloo)
W. Myrvold (University of Victoria)
K. Park (Seoul National University)
S. Puglisi (Royal Melbourne Inst. Technology)
R. Raman (University of Leicester)
F. Ruskey (University of Victoria)
J. Shallit (University of Waterloo)
M. Smid (Carleton University)
W. Smyth (co-chair, McMaster University)
I. Stewart (University of Durham)
G. Tardos (Hungarian Academy of Sciences)
A. Tiskin (University of Warwick)
G. Tischler (University of Würzburg)
E. Upfal (Brown University)
K. Wada (Nagoya Institute of Technology)
S. Whitesides (University of Victoria)
C. Zaroliagis (CTI & University of Patras)
L. van Zijl (Stellenbosch University)

Problem session co-chairs:

Yuqing Lin (University of Newcastle)
Zsuzsanna Liptak (Bielefeld University)

Organizing Committee:

S. Balasubramanian
R. Campbell
S. Chester
A. Erickson
W. Myrvold (co-chair)
F. Ruskey (co-chair)
V. Srinivasan (co-chair)
G. Srivastava
J. Woodcock

Location: The conference will take place at the University of Victoria campus. Situated in a picturesque part of Vancouver Island, the University of Victoria is only 25 minutes from the Swartz Bay ferry terminal, 20 minutes from the Airport and Downtown Victoria. The campus is ideally situated to enjoy numerous outdoor activities. Relax on the sandy beaches of Gyro Park; hike to the top of Mount Tolmie; enjoy a jog along the alumni chip trail or ride your bike to Mount Douglas Park.

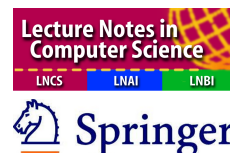
Scope: The series of IWOCA conferences grew out of a 17-year history of AWOCA — Australasian Workshop on Combinatorial Algorithms. Previous AWOCA and IWOCA meetings have been held in Australia, Indonesia, Korea, Japan and Czech Republic. IWOCA 2011 continues the long and well-established tradition of encouraging high-quality research in theoretical computer science and bringing together specialists and young researchers working in the area. The scientific program will include invited lectures covering the areas of main interest, accepted contributed talks, posters, and a problems session.

The topics of the workshop include (but are not restricted to)

- Algorithms and Data Structures
- Applications (including Bioinformatics, Networking, etc.)
- Combinatorics on Words and Strings
- Combinatorial Optimization
- Combinatorial Enumeration
- Decompositions and Combinatorial Designs
- Complexity Theory (Structural and Computational)
- Computational Biology
- Discrete and Computational Geometry (including Graph Drawing)
- Databases (Security, Compression and Information Retrieval)
- Graph Theory and Combinatorics

Submissions: The paper submission must not exceed 12 pages in Springer-Verlag LNCS LaTeX style. A clearly marked appendix that will be read at the discretion of the program committee may be added. Simultaneous submission of papers to any other conference with published proceedings or submitting previously published papers is not allowed. Only electronic submissions in postscript or pdf formats are accepted. Those who wish to present a poster should submit a copy of the poster or a two-page summary of its content.

Proceedings: The conference proceedings with invited papers and accepted contributed papers will be published after the conference as a volume of the Springer-Verlag Lecture Notes in Computer Science.



Open Problems Session: As in previous issues of IWOCA, there will be some time allocated to the discussion of open problems. A list of open problems can be found on the IWOCA webpage <http://www.iwoca.org/>.

Important Dates:

Papers:	submission (extended)	15 April 2011
	notification of acceptance	16 May 2011
	final version for LNCS proceedings	31 July 2011
Posters:	submission	22 May 2011
	notification of acceptance	30 May 2011
Early Registration:		1 June 2011
Reception:	(see website for details)	19 June 2011