



# CALL FOR PAPERS – IWOCA 2009

20TH INTERNATIONAL WORKSHOP ON COMBINATORIAL ALGORITHMS  
JUNE 28 – JULY 2, 2009, HRADEC NAD MORAVICI, CZECH REPUBLIC

[iwoca09@iwoca.org](mailto:iwoca09@iwoca.org)

<http://www.iwoca.org/iwoca09>

## Invited Speakers:

J. Edmonds (Waterloo)  
M. Fellows (Newcastle)  
G. Manzini (Alessandria)  
R. Thomas (Atlanta)  
S. Whitesides (Victoria)

## Steering Committee:

C. Iliopoulos (London)  
M. Miller (Newcastle and Plzeň)  
W. Smyth (Hamilton and Perth)

## Program Committee:

L. Brankovic (Newcastle)  
H. Broersma (Durham)  
C. Colbourn (Tempe)  
G. di Battista (Roma)  
M. Drmota (Wien)  
J. Fiala (Praha)  
D. Fronček (Duluth and Opava)  
T. Fujito (Toyohashi)  
P. Hliněný (Brno)  
J. Holub (Praha)  
X. D. Hu (Beijing)  
L. Kang (Shanghai)  
M. Klazar (Praha)  
J. Kratochvíl (Praha, co-chair)  
S. Kucukcifci (Istanbul)  
G. Landau (Haifa)  
T. Lecroq (Rouen)  
Z. Lonc (Warszawa)  
D. Marx (Budapest)  
B. Melichar (Praha)  
M. Miller (Newcastle and Plzeň, co-chair)  
R. Nedela (Banská Bystrica)  
M. Noy (Barcelona)  
C. Pandu Rangan (Madras)  
K. Park (Seoul)  
D. Paulusma (Durham)  
A. Proskurowski (Eugene)  
Z. Ryjáček (Plzeň)  
J. Seberry (Wollongong)  
J. Širáň (Bratislava and Milton-Keynes)  
J. A. Telle (Bergen)  
A. K. Tsakalidis (Patras)  
P. Valtr (Praha)  
K. Wada (Nagoya)  
X. Zhu (Kaohsiung)

## Problem Session Chairs:

A. Gibbons (London)  
J. Ryan (Newcastle)

## Organizing Committee:

J. Fiala, D. Fronček (chair), P. Kabelková  
P. Kovář, T. Kovářová, M. Kubesa, Y. Lin

**Location:** The conference will take place in a historic castle Červený Zámek in Hradec in the Northeast of the Czech Republic. The place offers tranquil and relaxing atmosphere both in the castle halls for scientific discussions and in the adjacent park for morning jogging and afternoon strolls. The conference excursion to Rožnov pod Radhoštěm will take the participants to an open air museum of a traditional village of this rural area.

**Scope:** The series of IWOCA conferences grew out of a 17 year history of AWOCA - Australasian Workshops on Combinatorial Algorithms. Previous AWOCA and IWOCA meetings have been held in Australia, Indonesia, Korea, and Japan. The year 2009 is taking IWOCA to Europe for the first time. IWOCA 09 continues the long and well-established tradition of encouraging high-quality research in theoretical computer science and providing an opportunity to bring together specialists and young researchers working in the area. The scientific program will include invited lectures covering the areas of main interest, accepted contributing talks, posters, and a problem session.

The topics include (but are not restricted to)

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

**Submissions:** The submission must not exceed 12 pages in Springer-Verlag Lecture Notes 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.

**Proceedings:** Invited papers and accepted contributions will be published in the conference proceedings in Lecture Notes in Computer Science, Springer-Verlag. These will be distributed as post-proceedings after the conference.

## Important dates:

Submission of papers	March 15, 2009
Notification of acceptance	April 24, 2009
Early registration	May 15, 2009
Final version due	July 24, 2009

## Sponsors:

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GTA, The University of Newcastle