

ISAAC 2014

December 15-17, 2014 | Jeonju, Korea | <http://tcs.postech.ac.kr/isaac2014>

Important Dates

Submission due / June 23, 2014

Notification / August 29, 2014

Final version / September 19, 2014

Invited Speakers

Ulrik Brandes

(University of Konstanz)

Giuseppe F. Italiano

(Universita di Roma "Tor Vergata")

Committees

Conference Chair

Kunsoo Park (SNU, Korea)

Program Committee

Hee-Kap Ahn (POSTECH, Korea, co-chair)

Peter Brass (CCNY, USA)

Gerth Stølting Brodal (Madalga, Denmark)

Xavier Goaoc (U Paris-Est Marne-la-Vallée, France)

Simon Gog (U Melbourne, Australia)

Mordecai Golin (HKUST, Hong Kong)

Roberto Grossi (U Pisa, Italy)

Sungjin Im (UC Merced, USA)

Rahul Jain (NUS, Singapore)

Akinori Kawachi (Tokyo Tech, Japan)

Christian Knauer (Bayreuth U, Germany)

Pinyan Lu (MSRA, China)

Kazuhisa Makino (RIMS, Japan)

Peter Bro Miltersen (Aarhus U, Denmark)

Wolfgang Mulzer (FU Berlin, Germany)

Joong Chae Na (Sejong U, Korea)

Saket Saurabh (IMS, India)

Srinivasa Rao Satti (SNU, Korea)

Tetsuo Shibuya (U Tokyo, Japan)

Chan-Su Shin (HUFS, Korea, co-chair)

Michiel Smid (Carleton U, Canada)

Hisao Tamaki (Meiji U, Japan)

Gerhard Woeginger (TU Eindhoven, Netherlands)

Alexander Wolff (U Würzburg, Germany)

Bang Ye Wu (National Chung Cheng U, Taiwan)

Chee Yap (NYU, USA)

Hsu-Chun Yen (National Taiwan U, Taiwan)

Xiao Zhou (Tohoku University, Japan)

Louxin Zhang (NUS, Singapore)

Peng Zhang (Shandong U, China)

Binhai Zhu (Montana State U, USA)

The 25th International Symposium on Algorithms and Computation (ISAAC 2014) will be held in Jeonju, Korea during December 15-17, 2014. The symposium is intended to provide a forum for researchers working in algorithms and theory of computation. Papers presenting original research in the areas of algorithms and theory of computation are sought. Papers in relevant applied areas are also welcomed.

Paper Submission

The submission should contain a scholarly exposition of ideas, techniques, and results, including motivation and a comparison with related work. The main text, including title, abstract, and references, should not exceed 11 pages in LNCS style. An optional appendix should be used to provide proof details that do not fit in the main text. Submitted papers must describe unpublished work.

Authors should not submit papers with the same results or essentially the same results that are accepted or published or under review by a conference with refereed proceedings or a journal. Only electronic submission will be allowed and only pdf files will be accepted. It will be done via EasyChair:

<https://www.easychair.org/conferences/?conf=isaac2014>

At least one author of an accepted paper is expected to present the paper at the conference as a registered participant.

Publication

The proceedings will be published by Springer-Verlag in the LNCS series. Selected papers will be invited to special issues of *Algorithmica* and *International Journal of Computational Geometry and Applications*.

Awards

A Best Paper and a Best Student Paper may be awarded. A paper is eligible for the Best Student Paper Award if all authors are full-time students at the time of submission. To indicate that a submission is eligible, please add the phrase "Eligible for the Best Student Paper Award" in the abstract.

Topics

The topics include, but are not limited to:

Algorithmic game theory	Algorithms and Data structures
Approximation algorithms	Combinatorial optimization
Computational biology	Computational complexity
Computational geometry	Cryptography
Experimental algorithms	Graph drawing and Graph algorithms
Internet algorithms	Online algorithms
Quantum computing	Randomized algorithms
Parallel and Distributed algorithms	

This conference is sponsored by *Center for Geometry and its Applications (GALA)*.