21st International Conference on Implementation and Application of Automata
CIAA 2016
July 19-22, 2016, Seoul (South Korea)
http://toc.yonsei.ac.kr/ciaa2016

Aims:

The CIAA conference series, which was started in 1996, covers all aspects of implementation, application, and theory of automata and related structures. It aims to attract contributions from both classical automata theory and applications.

Venue:

CIAA 2016 will take place in Seoul, the capital of South Korea. The event will be held on campus of Yonsei University, the oldest university in South Korea.

Topics:

Topics of interest include, but not limited to: algorithms on automata, automata and logic, bioinformatics, complexity of automata operations, compilers, computer-aided verification, concurrency, data structure design for automata, data and image compression, design and architecture of automata software, digital libraries, DNA/molecular/membrane computing, document engineering, editors, environments, experimental studies and practical experience, implementation of verification methods and model checking, industrial applications, natural language and speech processing, networking, new algorithms for manipulating automata, object-oriented modeling, pattern-matching, pushdown automata and context-free grammars, quantum computing, structured and semi-structured documents, symbolic manipulation environments for automata, transducers and multi-tape automata, techniques for graphical display of automata, VLSI, viruses and related phenomena, and the world-wide web.

Programs:

The scientific program will consist of invited lectures and presentations of papers selected by the international program committee, based on a thorough peer-reviewing process.

A Best Paper Award (named after one of the conference founders, the late Sheng Yu) will be announced and presented during the conference.

Invited speakers:

Oscar Ibarra (University of California, Santa Barbara, USA)
Bakhadyr Khoussainov (University of Auckland, New Zealand)
Ahyoung Sung (Samsung Electronics, South Korea)

Program Committee:

Important dates:
Submission deadline: March 15, 2016 AoE
Author notification: April 20, 2016
Camera-ready version: May 1, 2016
Conference: July 19 – 22, 2016

Submissions:
Submissions must be written in LaTeX using the LNCS style and must not exceed 12 pages, bibliography included. If the authors believe that more details are essential to substantiate the main claims, they may include a clearly marked appendix that will be read at the discretion of the program committee. Simultaneous submissions of papers to journals or any other conference with published proceedings, or submitting previously published papers is not allowed. Only electronic submission of

PDF documents is possible. The proceedings will be published in the Springer LNCS series and will be available at the conference.

Authors should submit their contributions at
https://www.easychair.org/conferences/?conf=ciaa2016

Special issue:
After the conference, authors of selected papers will be invited to submit a substantially extended and revised version of their contribution to a special issue of International Journal of Foundations of Computer Science (IJFCS).

Contact: ciaa2016meeting@gmail.com

The conference is organized by the Department of Computer Science at Yonsei University, South Korea