



Workshop on Computation Theory and Algorithms

Call for papers

Aim and Scope

The 2013 National Computer Symposium (NCS2013) is composed of a number of workshops, and all will be held during December 13-14 (Friday to Saturday) at Asia University, Taichung, Taiwan. The Workshop on **Computation Theory and Algorithms** provides a forum for scientists and engineers in academia and industry to exchange and discuss their experiences, new ideas, and research results about all aspects of the algorithm design with applications. This workshop also intends to explore future trends in the area of computation theory and other related ones. Your participation would be an excellent opportunity for you to meet other researchers and to discuss research advancements.

Topics of interest

We are inviting new and unpublished papers on, but not limited to, the following topics:

- Algorithms and data structures
- Algorithmic game theory
- Approximation algorithms and online algorithms
- Automata, languages, logic, and computability
- Bioinformatics and computational biology
- Combinatorics and combinatorial optimization
- Computational complexity
- Computational algebra, geometry, and number theory

- Graph theory, communication networks, and optimization
- Interconnection networks
- Parallel algorithms, reliability and fault tolerance
- Pattern matching and data compression
- Randomized and probabilistic techniques
- Symbolic computation

Important Dates

論文截稿日期: 2013 年 09 月 13 日

通知接受日期: 2013 年 10 月 27 日

完稿截稿日期: 2013 年 11 月 08 日

大會舉辦日期: 2013 年 12 月 13-14 日

Workshop Organizing Committee

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