



WODES 2016

13th International Workshop on Discrete Event Systems

May 30 - June 1, 2016, Xi'an, China

<http://wodes2016.diee.unica.it>



Call for Papers

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Zhiwu Li (China)

Program Committee Chairs

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Alessandro Giua (France / Italy)

Organizing Committee Chair

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Zhiwu Li (China)

Important Dates

- Special Session Proposals:

January 8, 2016

- Paper Submission:

January 8, 2016

- Acceptance Notification:

March 15, 2016

- Final Submission:

April 10, 2016

Registration Fee

- Early Registration: **3,200 CNY**
- Student Registration: **1,800 CNY**
- Early Reg. Due: **April 1, 2016**

Best Student Paper

A best paper award will be granted to a MS or PhD student who signs the paper as the first author and presents the paper at the workshop.

Aims and Scope

The interdisciplinary field of Discrete Event Systems (DES) combines different formalisms, methodologies and tools from control, computer science and operations research. The research activity in this field is driven by the needs of many different applications domains: manufacturing, process control, supervisory systems, software engineering, transportation, and so on. Discrete Event Systems is now a mature field and many interesting applications have been developed. This 13th International Workshop on Discrete Event Systems will be hosted at Wyndham Grand Hotel, Xi'an, China. It aims to provide researchers from different fields with an opportunity to exchange information and new ideas, and to discuss new developments in the field of DES theory and applications.

Topics

The workshop will cover all topics in discrete event theory and applications, including (but not limited to) the following:

- Formalisms and modeling methodologies: Petri nets, automata, statecharts, process algebras, max-plus algebra, queuing network;
- Control of discrete-event systems with emphasis on supervisory control and on real time control;
- Performance evaluation, optimization and scheduling;
- Diagnosis, fault detection, test, identification;
- Discrete approaches for hybrid systems;
- Event-driven methods in systems and control;
- Applications including manufacturing systems, transportation systems, power production, distributed systems, software engineering, home automation, workflow, telecommunication systems, biological systems;
- Automation methods and software tools enabling efficient handling of industrial-sized systems.

Paper Submission and Publication

Prospective participants are invited to electronically submit full papers of their work following the instructions on the website. Conference proceedings will be published on IEEE Xplore and will receive an ISBN number and the ISSN number of series.

The presented papers will be further screened for possible publications in international journals.