



DSD 2017

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SPECIAL SESSION ON SYSTEM DESIGN FOR INTELLIGENT SYSTEMS (SDIS)

Intelligent systems are networked embedded devices that have the capacity to gather and analyze data and communicate with other systems. Intelligent systems perform complex tasks to achieve a common goal. Smart grids, Smart farming, Smart cities, Intelligent infrastructures, Sensor networks, and Unmanned aerial vehicles are some applications of such systems.

SPECIAL SESSION SCOPE

The Special Session addresses the heterogeneity in system design, supporting a better design of intelligent systems. Papers on any of the following or related topics may be submitted to the special session:

- Multi-objective optimization and co-design techniques for multi-agent systems.
- Distributed intelligent information collection, supervision and control systems.
- Geospatial data processing and analysis for intelligent systems.
- Intelligent system's management via information processing and communication systems.
- Design and implementation of reliable communication protocols for constrained devices.
- Sensors, actuators and wireless technologies for intelligent systems.
- Hardware/Software codesign for unmanned aerial vehicle systems.
- Design of secure, privacy enforcing, and robust services for intelligent systems.
- System design for intelligent automation services.
- Drone identification and tracking systems.

SUBMISSION GUIDELINES

Authors are encouraged to submit their manuscripts to <https://easychair.org/conferences/?conf=dsd2017>. Should an unexpected web access problem be encountered, please contact the Program Chair by email (dsd2017@easychair.org).

Each manuscript should include the complete paper text, all illustrations, and references. The manuscript should conform to the IEEE format: single-spaced, double column, US letter page size, 10-point size Times Roman font, up to 8 pages. In order to conduct a blind review, no indication of the authors' names should appear in the manuscript, references included.

CPS, Conference Publishing Services, publishes the (ISI indexed) DSD Proceedings, available worldwide through the IEEE Xplore Digital Library. Extended versions of selected best papers will be published in a special issue of the ISI indexed "Microprocessors and Microsystems: Embedded Hardware Design" Elsevier journal.

IMPORTANT DATES

Deadline for paper submission: April 15th
Notification of acceptance: June 10th
Camera ready papers: July 1st

MORE INFORMATION (WEB PAGES)

- DSD 2017: <http://dsd-seaa2017.ocg.at>
- Euromicro: www.euromicro.org