

CALL FOR PAPERS

11th International IFIP Conference on Distributed Applications and Interoperable Systems (DAIS'11)



In-Cooperation



SIGAPP

Held in conjunction with

Coordination

FMOODS & FORTE

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Important Dates

Submission: 20 February, 2011 (extended)
Notification: 20 March, 2011
Camera-ready: 03 April, 2011
Conference: 06–08 June, 2011

Submission

PDF file, up to 14 pages
LNCS style, submitted using EasyChair

Web Site

<http://discotec.ru.is/dais/main>

DESCRIPTION

Distributed application technology has become a foundation of the information society. Novel computing and communication technologies have brought a multitude of challenging application areas, including mobile computing, ubiquitous services, service-oriented architectures, autonomous and self-adapting systems, cloud computing, peer-to-peer systems, or social networks, just to name a few. New challenges include the need for novel abstractions supporting the development, deployment, management and interoperability of evolutionary and complex applications and services. Therefore, middleware technology that bridges applications, platforms and users through multi-disciplinary user requirements (like security, privacy, usability, efficiency, safety, semantic and pragmatic interoperability of data and services, dependability, trust and self-adaptivity) also become of special interest. It is envisaged that future complex applications will far exceed those of today in terms of such requirements. The DAIS conference series addresses all aspects of distributed applications, including their design, implementation and operation, supporting middleware, appropriate software engineering methodologies and tools, as well as experimental studies and practice reports. This time we particularly welcome in contributions on architectures, platforms, and infrastructures for large scale distributed applications and services.

DAIS'11 is the 11th event in a series of successful international conferences started in 1997. It will provide a forum for researchers, application and platform service vendors, and users, to discuss and learn about new approaches, trends, concepts and experiences in the fields of distributed computing.

TOPICS OF INTEREST

DAIS'11 solicits high quality papers reporting research results and/or experience reports.

Submissions will be judged on their originality, significance, interest, clarity, relevance, and correctness. DAIS'11 especially encourages submissions addressing the following topics:

- **Novel and innovative applications** in the areas of: Ubiquitous and pervasive computing, Sensor and actuator networks, Mobile computing, Peer-to-peer systems and platforms, Cloud and enterprise computing, Collaborative intelligent devices (e.g., robots);
- **Models, methodology and concepts supporting distributed applications** with respect to: Sustainability, Dependability and resilience, Evolution, Energy efficiency, Robustness and trust, Usability, Autonomy;
- **Middleware and techniques supporting distributed applications** in the areas of: Adaptive and autonomic systems, Resilient systems, Mobile and ubiquitous systems, Context- and QoS-aware systems, Evolution of service-oriented applications, Enterprise-wide and global integration, Semantic interoperability, Application and service management, Domain-specific modelling languages, Model-driven software development, testing, validation, and adaptation, Model evolution, Software architectures and patterns.

SUBMISSION & PUBLICATION

DAIS'11 seeks *Full technical papers* in no more than 14 pages or *Work-in-progress papers*, describing ongoing work and interim results, in no more than 6 pages. All papers must be original, unpublished, and not submitted for publication elsewhere. Contributions should be submitted electronically as postscript or PDF, using the Springer LNCS style. Each paper will undergo a thorough process of review and the conference proceedings will be published by Springer-Verlag in the LNCS series. Proceedings will be made available at the conference. Submission implies that at least one author will attend the conference if the paper is accepted.

PROGRAMME COMMITTEE

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