



CALL FOR PAPERS

EDCC-7

Seventh
European
Dependable
Computing
Conference

Kaunas, Lithuania - May 7-9, 2008

ORGANIZED BY SEE Working Group "Dependable Computing", France; GI/ITG/GMA TC on Dependability and Fault Tolerance, Germany; AICA Working Group "Dependability of Computer Systems", Italy

IN COOPERATION WITH Vytautas Magnus University in Kaunas • Universidad Politécnica de Madrid • IFIP Working Group 10.4 "Dependable Computing and Fault-Tolerance" • IEEE TC on Fault-Tolerant Computing • EWICS Technical Committee on Safety, Reliability and Security (TC7)

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There is an increasing dependency of the society on computing services and their underlying computing systems. This dependency creates strict requirements for the delivered services. These requirements affect to the quality of service, continuous availability, survivability in the advent of catastrophic failures, confidentiality, intrusion tolerance, etc. **Dependability** is a concept that considers all these cross-cutting concerns and required attributes, such as reliability, availability, safety, and security, as well as human factors.

The **seventh European Dependable Computing Conference** aims at providing a European-hosted venue for researchers and practitioners from all over the world to present and discuss their latest research achievements. Original papers are solicited on theory, techniques, systems, and tools for the design, validation, operation and evaluation of dependable computing systems. All kinds of faults are of interest, from traditional hardware and software faults to accidental and malicious human interactions.

Major topics include, but are not limited to:

- Architectures for dependable systems.
- Architecture and protocols for security.
- Critical infrastructure protection.
- Dependability for mobile systems.
- Dependability in high-bandwidth and system area networks.
- Dependability measurement, modeling, and evaluation.
- Dependability in SOA and middleware.
- Dependability in wireless sensor and ad hoc networks.
- Dependability in high performance and grid systems.
- Dependability in business and e-commerce applications.
- Dependability in data streaming.
- Security.
- Fault tolerant distributed systems.
- Fault tolerance in databases and transactional systems.
- Fault tolerance in real-time systems.
- Fault tolerance in multimedia systems.
- Hardware and software testing, verification, and validation.
- Human factors.
- Formal methods for dependability.
- Information assurance, survivability, and intrusion tolerance.
- Internet dependability and quality of service.
- Safety-critical systems.
- Software reliability engineering.
- Dependability benchmarking.
- Software engineering for dependability.

EDCC is the successor of two European conference series on fault-tolerance, dependability, and testing dating back to the 70s and 80s. EDCC is now an established conference on dependability organized every 2 years by a European country and attracting papers from all over the world.

INFORMATION FOR AUTHORS: Manuscripts should be submitted in the following categories: Regular Papers, Practical Experience Reports, Prototype-Tool descriptions and Panels. **Regular Papers** should describe original research (not submitted or published elsewhere) and be not more than 20 double-spaced pages including figures and tables using 11-point type. **Practical Experience Reports** (5-12 pages) should describe an experience or a case study, such as the design and deployment of a system or actual failure and recovery field data. **Prototype-Tool** description papers (5-12 pages) should outline the design or implementation of a software tool, a prototype or an operational system, etc. **Panels** (2-4 pages) should describe the panel objectives, and include the bios of the Panel proposers and the probable panellists.

The title page of each submission should include a 150-word abstract, five keywords, authors' names and address and include a line specifying the submission category. The full mailing address, phone, fax and email address of the corresponding author should be specified. All submissions must be made electronically through the web at <http://edcc.dependability.org>

The proceedings of the conference will be published by the IEEE Computer Society.

Submission: September 20, 2007

Notification: January 15, 2008

Final version: February 28, 2008

<http://edcc.dependability.org>

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CALL FOR CONTRIBUTIONS TO THE STUDENT FORUM

The Student Forum welcomes futuristic, sometimes "off the wall" ideas in the area of Dependable Computing. Students should submit up to six page contribution, including tables and figures, which will be evaluated by the Student Forum Program Committee. The contribution should describe original research (not submitted or published elsewhere), singly authored by a student, and must be formatted in accordance to the IEEE Computer Society templates and instructions. The contributions must be submitted over the web.

The Proceedings of the Student Forum will be compiled and distributed at the conference, included in the Supplement to the proceedings of the Sixth European Dependable Computing Conference. By submitting to the Student Forum, you are committing yourself or one of your colleagues to present it at the conference.

The submission deadline is yet to be set and will be announced in the conference web page.

CALL FOR FAST ABSTRACTS

Fast Abstracts are short presentations of work in progress or opinion pieces (maximum 2 pages in standard template from the IEEE Computer Society). Fast Abstracts aim to serve as a rapid and flexible mechanism to:

- Report on current work that may or may not be complete
- Introduce new ideas to the community
- State positions on controversial issues or open problems

Contributions relevant to the topics of the conference are welcome from academia and industry. Participants in this track will present a short talk and publish a two-page abstract in the Supplement to the proceedings of the Sixth European Dependable Computing Conference. A Fast Abstract must be submitted in its final form, ready to be printed. Fast Abstracts are limited to 2 pages, and the authors are required to follow the IEEE Computer Society templates and instructions. Submissions must be made electronically, in either PDF or PostScript format.

Fast Abstracts will not be refereed. Instead, the Fast Abstracts Chair and the Conference Program Chair will lightly screen the submissions. The criteria for acceptance will be: i) relevance and interest to the community, and ii) arrival time. Therefore, authors are encouraged to send their submission well in advance before the final deadline. We will accept as many Fast Abstracts as possible; the amount is limited by the available presentation time at the conference. By submitting a Fast Abstract, you are committing yourself or one of your colleagues to present it at the conference.

The submission deadline is yet to be set and will be announced in the conference web page.