11th International Conference on Reliable Software Technologies – Ada-Europe 2006

5-9 June 2006, Porto, Portugal

http://www.ada-europe.org/conference2006.html

Call for Industrial Presentations

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In cooperation with

SIGAda

General Information

The 11th International Conference on Reliable Software Technologies (Ada-Europe 2006) will take place in Porto, Portugal. Following the usual style, the conference will span a full week, including a three-day technical program and vendor exhibitions from Tuesday to Thursday, along with parallel workshops and tutorials on Monday and Friday.

Call for Presentations

In addition to the usual call for papers, and considering the success achieved in the previous conference, we are having a call for presentations primarily aimed at industrialists who have valuable experience to report but who do not wish to write a complete paper.

This separate call for presentations is made for Experience Reports from Industrial Projects and/or Experiments, Case Studies and Comparative Assessments, Management Approaches, Qualitative and Quantitative Metrics and Experience Reports on Education and Training Activities, with bearing on any of the conference topics. See the reverse side of this page for further details.

Schedule

12 January 2006	Submission of presentation proposals
20 January 2006	Notification to authors
28 April 2006	Presentation material required
5-9 June 2006	Conference

Submission of Presentations

Presenters are invited to submit a one-page overview of the proposed presentation to **Peter Dencker (peter.dencker@aonix.de)** by **January 12th 2006**. The Industrial Committee will review the proposals. The authors of selected presentations shall prepare their final presentation, together with a short abstract (max 10 lines), by 28th April 2006; they should aim at a 20 minutes talk. The authors of accepted presentations will also be invited to derive articles from them, for publication in the Ada User Journal.

Exhibition

Commercial exhibitions will span the three days of the main conference. Vendors and providers of software products and services should contact the *Exhibition Chair* José Ruiz (address details are on the flip side of this call) as soon as possible for further information and for allowing suitable planning of the exhibition space and time.

Workshops

Workshops on themes within the conference scope may be arranged to discuss matters of immediate technical interest as well as to foster action on longer-term technical objectives. Proposals may be submitted for half- or full-day workshops, to be scheduled on either ends of the main conference. Workshop proposals should be submitted by e-mail to the *Conference Chair* Luís Miguel Pinho The workshop organiser shall also commit to preparing proceedings for timely publication in the Ada User Journal.

Conference Organisation

Program Co-Chairs

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Conference Topics

In the last decade the conference has established itself as an international forum for providers and practitioners of, and researchers into, reliable software technologies. The conference presentations will illustrate current work in the theory and practice of the design, development and maintenance of long-lived, high-quality software systems for a variety of application domains. The program will allow ample time for keynotes, Q&A sessions, panel discussions and social events. Participants will include practitioners and researchers from industry, academia and government organizations interested in furthering the development of reliable software technologies. To mark the completion of the technical work for the Ada language standard revision process, contributions that present and discuss the potential of the revised language are particularly sought after.

For papers, tutorials, and workshop proposals, the topics of interest include, but are not limited to:

- **Methods and Techniques for Software Development and Maintenance**: Requirements Engineering, Object-Oriented Technologies, Formal Methods, Re-engineering and Reverse Engineering, Reuse, Software Management Issues
- **Software Architectures**: Patterns for Software Design and Composition, Frameworks, Architecture-Centered Development, Component and Class Libraries, Component-Based Design
- **Enabling Technology**: CASE Tools, Software Development Environments and Project Browsers, Compilers, Debuggers, Run-time Systems
- **Software Quality:** Quality Management and Assurance, Risk Analysis, Program Analysis, Verification, Validation, Testing of Software Systems
- **Critical Systems**: Real-Time, Distribution, Fault Tolerance, Information Technology, Safety, Security
- **Mainstream and Emerging Applications**: Multimedia and Communications, Manufacturing, Robotics, Avionics, Space, Health Care, Transportation
- **Ada Language and Technology**: Programming Techniques, Object-Oriented Programming, Concurrent Programming, Distributed Programming, Bindings and Libraries, Evaluation & Comparative Assessments, Critical Review of Language Enhancements, Novel Support Technology, HW/SW platforms
- **Experience Reports**: Experience Reports, Case Studies and Comparative Assessments, Management Approaches, Qualitative and Quantitative Metrics, Experience Reports on **Education and Training** Activities with bearing on any of the conference topics

Tutorials

Tutorials should address subjects that fall within the thrust of the conference and may be proposed as either half- or a full-day events. Proposals should include a title, an abstract, a description of the topic, a detailed outline of the presentation, a description of the presenter's lecturing expertise in general and with the proposed topic in particular, the proposed duration (half day or full day), the intended level of the tutorial (introductory, intermediate, or advanced), the recommended audience experience and background, and a statement of the reasons for attending. Proposals should be submitted by e-mail to the *Tutorial Chair* Jorge Real (address details are on the flip side of this call). The providers of full-day tutorials will receive a complimentary conference registration as well as a fee for every paying participant in excess of 5; for half-day tutorials, these benefits will accordingly be halved. The Ada User Journal will offer space for the publication of summaries of the accepted tutorial in issues preceding and/or following the conference.