Call for Papers
10th International Conference on Reliable Software Technologies – Ada-Europe 2005
20-24 June 2005, York, UK


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In cooperation with
SIGAda
(approval pending)

General Information
The 10th International Conference on Reliable Software Technologies
(Ada-Europe 2005) will take place in York, UK. 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.

Schedule
7 November 2004 Submission of proposed contributions
17 January 2005 Notification to authors
7 March 2005 Camera-ready papers required
20-24 June 2005 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 organisations interested in furthering the development of
reliable software technologies. To mark the completion of the technical
work for the Ada language standard revision process, a special session
will be devoted to the presentation and discussion of the prospects of the
revised language in the landscape of mainstream language technologies.

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-Centric Development,
  Component and Class Libraries, Component-Based Design
- Enabling Technology: CASE Tools, Software Development
  Environments and Project Browsers, Compilers, Debuggers and
  Runtime Libraries
- 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, Bindings and
  Libraries, Evaluation & Comparative Assessments, Critical Review of
  Language Enhancements, Novel Support Technology

Call for Industrial Presentations
A separate call is made for presentations of Experience Reports from
Industrial Projects and/or Experiments, Case Studies and Comparative
Assessments, Management Approaches, Qualitative and
Quantitative Metrics, Education and Training Activities with bearing
on any of the conference topics. Full papers and/or Extended Abstracts on
these topics are also welcome.
Program Committee

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Submissions

Authors are invited to submit original contributions. Paper submissions shall be in English, should be complete and should not exceed 20 double-spaced pages in length. Extended abstracts and outlines of presentations that provide a sufficient insight into the intended contents of the contribution will also be considered. Authors of accepted extended abstracts and/or presentations shall submit a consolidated version of their contribution to the Program Co-Chair Tulio Vardanega for final acceptance, by February 21, 2005. Authors should submit their work via the Web submission system accessible from the conference Home page. The preferred format for submission is PDF. Postscript can be accepted as long it was generated selecting the “optimize for portability” option in the used printer driver. Submissions by other means and formats will not be accepted. If you do not have easy access to the Internet, or you do not have an appropriate Web browser, please contact the Program Co-Chair Tulio Vardanega, whose address details are on the flip side of this call as well as on the conference Home page.

Proceedings

The authors of accepted papers shall prepare their camera-ready submissions in full conformance with the LNCS style, not exceeding 12 pages and strictly by March 7, 2005. Authors should refer to: http://www.springer.de/comp/lncs/authors.html for format and style guidelines. Failure to comply will prevent the paper from appearing in the conference proceedings. The conference proceedings including all accepted full papers will be published in the Lecture Notes in Computer Science (LNCS) series by Springer Verlag, which will be available at the start of the conference. All other accepted contributions will appear in the Ada User Journal using the relevant format and style.

Awards

Ada-Europe will offer honorary awards for the best paper and the best presentation, which will be presented during the banquet and at the close of the conference respectively.

Call for 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 Iain Bate. 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.

Call for 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 Program Co-Chair Tulio Vardanega. The workshop organiser shall also commit to preparing proceedings for timely 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 Rod Chapman as soon as possible for further information and for allowing suitable planning of the exhibition space and time.

Reduced Fees for Students

A small number of bursars are available for students who will (co-)author and present papers at the conference. A reduction of 25% will be made to the conference fee. Contact the Conference Chair Alan Burns for details.