
CALL FOR PAPERS

International Conference on

Reliable Software Technologies – Ada-Europe'99

<http://www.ada-europe.org/conference99.htm>

June 7-11, 1999

Santander, Spain

Sponsored by Ada-Europe, in cooperation with Ada-Spain and ACM SIGAda (approval pending)

Conference Chair

Michael González Harbour

Programme Co-Chairs

Michael González Harbour

Dpto. de Electrónica y Computadores
Universidad de Cantabria
Avda. de los Castros s/n
E-39005, Santander, Spain
mgh@ctr.unican.es

Juan A. de la Puente

Dpto. Ing de Sistemas Telemáticos
ETSI Telecomunicación
Ciudad Universitaria
E-28040 Madrid, Spain
jpuente@dit.upm.es

Tutorial Chair

Ángel Álvarez

Dpto. Ing de Sistemas Telemáticos
ETSI Telecomunicación
Ciudad Universitaria
E-28040 Madrid, Spain
aalvarez@dit.upm.es

Exhibition Chair

Alejandro Alonso

Dpto. Ing de Sistemas Telemáticos
ETSI Telecomunicación
Ciudad Universitaria
E-28040 Madrid, Spain
aalonso@dit.upm.es

Publicity Chair

J. Javier Gutiérrez García

gutierjj@ctr.unican.es

General Information

The international conference of Ada-Europe, the European federation of national Ada societies, will take place next year in Santander, Spain, from June 7 to 11, 1999. The full conference will comprise a three-day technical programme and exhibition from Tuesday to Thursday, and parallel workshops and tutorials on Monday and Friday.

Schedule

- *20 November 1998*: Submission of extended abstracts and tutorial or workshop proposals
- *15 January 1999*: Notification to authors
- *18 March 1999*: Final papers (camera-ready) required
- *7-11 June 1999*: Conference

Submissions

Authors are invited to submit original contributions. Submissions should be in English. An extended abstract (4-6 pages) or the full paper should be sent by e-mail to one of the Programme Co-Chairs in HTML, PDF, Postscript or ASCII format. Submissions by other electronic formats, such as a word processor source file, or by fax are not accepted. For more information please see the conference web page. If electronic submission is not available, please send five paper copies to one of the Program Co-Chairs. The first page of the paper should include: the title; name, current affiliation, postal address, e-mail address, telephone and fax of each author; the name of the designated contact person; a short abstract; and a list of keywords ordered by relevance, including, whenever possible, topics and subtopics taken from the list of topics of the conference. To enable publication of the accepted papers before the conference, strict adherence to the dates of the schedule is essential.

Proceedings

The proceedings will be printed in the famous Lecture Notes in Computer Science (LNCS) of Springer Verlag, and will be available at the start of the conference.

Awards

There will be two awards, sponsored by Ada-Europe:

- Best paper award: 500.- Euros
- Best presentation award: 500.- Euros

Programme Committee

Ángel Álvarez, *Technical University of Madrid*
Lars Asplund, *Uppsala University*
Paul A. Bailes, *The University of Queensland*
Ted Baker, *Florida State University*
Brad Balfour, *Objective Interface*
Stéphane Barbey, *Swiss Federal Institute of Technology, Lausanne*
John Barnes, *JB1*
Johann Blieberger, *Technical University Vienna*
Jim Briggs, *University of Portsmouth, UK*
Benjamin Brosgol, *Aonix*
Jorgen Bundgaard, *DDC-I*
Alan Burns, *University of York*
Dirk Craeynest, *OFFIS nv/sa, Belgium*
Alfons Crespo, *Universidad Politécnica de Valencia*
Peter Dencker, *Chairman of Ada-Deutschland*
Jesús González-Barahona, *Universidad Carlos III de Madrid*
Michael González Harbour, *Universidad de Cantabria*
Mike Kamrad, *BlazeNet*
Jan Van Katwijk, *Delft University of Technology*
Hubert B. Keller, *Forschungszentrum Karlsruhe*
Yvon Kermarrec, *ENST de Bretagne*
Fabrice Kordon, *Université P. & M. Curie*
Albert Llamós, *Universitat de les Illes Balears*
Franco Mazzanti, *Istituto di Elaborazione della Informazione, CNR*
John McCormick, *University of Northern Iowa*
Paolo Panaroni, *Intecs Sistemi S.p.A.*
Laurent Pautet, *ENST Paris*
Juan A. de la Puente, *Universidad Politécnica de Madrid*
Erhard Plödereder, *University of Stuttgart, Germany*
Jean-Pierre Rosen, *ADALOG*
Sergey Rybin, *Moscow State University & ACT*
Edmond Schonberg, *New York University & ACT*
Andreas Schwald
Martin J. Stift, *Universität Wien*
Alfred Strohmeier, *Swiss Federal Institute of Technology, Lausanne*
Theodor Tempelmeier, *Rosenheim*
Stef Van Vlierberghe, *OFFIS N.V./S.A.*
Tullio Vardanega, *European Space Agency*
Andy Wellings, *University of York*

Topics

The conference will provide an international forum for researchers, developers and users of reliable software technologies. Presentations and discussions will cover applied and theoretical work currently conducted to support the development and maintenance of software systems. Participants will include practitioners and researchers from industry, academia and government.

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

- *Management of Software Development and Maintenance*: Methods, Techniques and Tools.
- *Software Quality*: Quality Management and Assurance, Verification, Validation and Testing of Software Systems.
- *Software Development Methods and Techniques*: Requirements Engineering, Object-Oriented Technologies, Formal Methods, Software Management Issues, Re-engineering and Reverse Engineering, Reuse.
- *Software Architectures*: Patterns for Software Design and Composition, Frameworks, Component and Class Libraries, Component Design.
- *Tools*: CASE Tools, Software Development Environments, Compilers, Browsers, Debuggers.
- *High Integrity Systems*: Real-Time Systems, Distributed Systems, Fault-Tolerant Systems, Safety-Critical Systems. Communications, Manufacturing, Avionics, Space, Railway, Industry.
- *Ada Language and Tools*: Programming Techniques, Object-Oriented Programming, Bindings and Libraries, Evaluation and Comparison of Languages.
- *Ada Experience Reports*: Management Approaches, Metrics, Comparisons with past or parallel Experiences in non-Ada Projects.
- *Education and Training*: Ada in Secondary or College Education.
- *Case Studies and Experiments*.

Call for Tutorials

A tutorial should address any of the topics of the theme of the conference. A tutorial will last a half or full day. The proposals should include a title, an abstract, a description of the topic, a detailed outline of the presentation, a description of the presenter's teaching experience in general and with the proposed topic, duration (half day or full day), level of the tutorial (introductory, intermediate, or advanced), expected audience experience and background. Proposals should be submitted by e-mail to the Tutorial Chair.

Call for Workshops

Half- and full-day workshops can be held to address timely issues or to initiate a longer term effort on a topic of interest. Proposals should be submitted by e-mail to one of the Programme Co-Chairs.

Exhibitions

The conference will be accompanied by a three-day commercial exhibition on June 8, 9, and 10. Vendors of software products and services should contact the Exhibition Chair at the earliest convenience for further information and to ensure their inclusion.