

10th International Real-Time Ada Workshop

IRTAW-2000

Castillo de Magalia, Las Navas del Marqués, Ávila, SPAIN

18-22 September 2000

CALL FOR PARTICIPATION

General Information

Over the last decade, the International Real-Time Ada Workshops have provided a focus for identifying problems with the use of the Ada language in real-time applications, proposing solutions for those problems, evaluating proposed language changes, and sharing experiences in using Ada in industrial applications. The goals of the 10th IRTAW are to:

- Examine and develop paradigms for using Ada 95 for real-time single processor, multiprocess and distributed systems (including issues of hard and flexible scheduling).
- Consider reports on experiences with using Ada 95 on actual real-time projects.
- Identify the benefits and impacts of using object-oriented programming in multi tasking (potentially distributed) real-time systems.
- Explore the use of Ada 95 in developing multi-tasking components which are resilient to software design errors and hardware failures.
- Identify techniques whereby Ada may be used to support real-time capabilities in applications comprising components developed in other languages (e.g., Java).
- Develop criteria for the use of Ada 95 in safety critical systems.
- Understand the important aspects of implementing Ada 95 run-time support systems for the Safety Critical Systems, Systems Programming, Real-Time and Distributed Systems Annexes.
- Discuss proposals for future amendments to the Ada language that could help in better supporting the development of real-time applications in Ada.

For information please see the Workshop web page: <http://www.dit.upm.es/~str/irtaw10>

Paper Submission

Participation at the Workshop is by invitation following the submission of a Position Paper addressing one or more of the above topics, or another real-time Ada issue. Position papers should be between five and ten pages. All accepted papers will appear in the Workshop Proceedings which will be published as a special issue of Ada Letters. Papers should be submitted electronically (in postscript) to Michael González Harbour: mgh@ctr.unican.es

Programme Committee

John Barnes, Ted Baker, Alan Burns, Brian Dobbing, Michael González Harbour(Chair), Mike Kamrad, Doug Locke, Juan de la Puente (Local Organization), George Romanski, Joyce Tokar, Tullio Vardanega, and Andy Wellings.

Important Dates

Receipt of Position Paper	1 June 2000
Notification of Acceptance	10 July 2000
Workshop dates	18-22 September 2000

About the Workshop Venue

The *Castillo de Magalia* is a medieval castle that has recently been converted into a very attractive conference centre. It is located in a small village called *Las Navas del Marqués*, which is in the province of *Ávila*, in Spain. It is about an hour away from *Madrid*, by car.