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

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