

2006 International Workshop on Intelligent Solutions in Embedded Systems

**Vienna, Austria
30 June 2006**



IEEE Catalog Number:
ISBN:

06EX1423
3-902463-06-6

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IEEE Catalog Number: **06EX1423**

ISBN: **3-902463-06-6**

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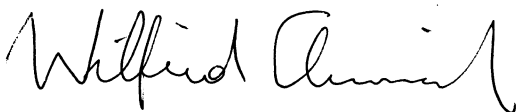
Foreword

The advent of embedded devices has created many possibilities for applications in several domains influencing our every day life. The demand for new features and more powerful applications leads to an increasing complexity of embedded systems. Thus, there is a strong need to look for intelligent approaches that support engineers and users. The Workshop on Intelligent Solutions in Embedded Systems supports the discussion of ideas in the field of sensor networks, real-time systems, middleware and related research areas. The success of the past three workshops has shown that there exists great interest in the academic as well as in the industrial area.

This year, the workshop again takes place in the lovely city of Vienna, located in the heart of Europe. The city's ultimate fascination stems from combining imperial grandeur with the explosive modernity that emerged from the break-up of the Austro-Hungarian Empire. So, Vienna is old and new, classical and trendy, nostalgic and dynamic at the same time. The city is known for its high cultural density, for its musicians, artists and writers, imperial and modern architecture and the delights of the Viennese cuisine.

From the total number of submissions we accepted 55% of the submitted papers after careful consideration regarding the novelty of the approach, the significance of the work, and the technical content. These papers are presented in four sessions by the topics of applications, middleware and fault tolerance, data management, and sensor networks.

We would like to acknowledge the efforts of the people who have worked hard to make this workshop a successful one. I would like to thank the Reviewers and the Program Committee for their valuable efforts in reviewing and selecting the best papers for the workshop. We would like to acknowledge also the efforts of the administrative support team in making the local organization. Last but not least, I would like to express my deep gratitude to our distinguished guests and participants for presenting the papers and attending the workshop.



Wilfried Elmenreich

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