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# Software Architecture

2nd European Workshop, EWSA 2005  
Pisa, Italy, June 13-14, 2005  
Proceedings



Springer

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# Preface

The 1st European Workshop on Software Architecture (EWSA 2004) was held in St Andrews, Scotland on 21–22 May 2004. The workshop provided an international forum for researchers and practitioners from academia and industry to discuss a wide range of topics in the area of software architecture and to jointly formulate an agenda for future research. We were pleased to continue this forum in EWSA 2005.

The importance of software architecture as a fundamental area of software engineering continues to grow. In addition to describing the underlying structure of software systems, architectures are now being used to model and understand dynamic behavior. New areas of study, which have their roots in control systems, are beginning to emerge. The field of autonomics requires an underlying software architecture to describe the executing computation as does any control system that involves system evolution. The range of papers in EWSA 2005 reflected both the traditional and new applications of software architecture techniques.

EWSA 2005 distinguished between three types of papers: research papers (which describe authors' novel research work), a case study (which describes experiences related to software architectures) and position papers (which present concise arguments about a topic of software architecture research or practice).

The Programme Committee selected 18 papers (12 research papers, 4 position papers, 1 case study, and 1 unrefereed invited paper) out of 41 submissions from 20 countries (Australia, Belgium, Brazil, Chile, China, Czech Republic, Finland, France, Germany, India, Italy, Ireland, Korea, Netherlands, Pakistan, Portugal, Spain, Switzerland, UK, USA). All submissions were reviewed by at least three members of the Programme Committee. Papers were selected based on originality, quality, soundness and relevance to the workshop. Credit for the quality of the proceedings goes to all authors of papers.

We would like to thank the members of the Programme Committee for providing timely and significant reviews and for their substantial effort in making EWSA 2005 a successful workshop.

As with EWSA 2004, the EWSA 2005 submission and review process was extensively supported by the Paperdyne Conference Management System. We are indebted to Volker Gruhn, Dirk Peters and Clemens Schfer for their support.

Finally we acknowledge the support from Springer, which published these proceedings in printed and electronic volumes as part of the Lecture Notes in Computer Science series.

April 2005

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