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Requirements Engineering: Foundation for Software Quality

14th International Working Conference, REFSQ 2008
Montpellier, France, June 16-17, 2008
Proceedings

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Preface

The 14th Working Conference on Requirements Engineering: Foundation for Software Quality (REFSQ 2008) will be held in the beautiful city of Montpellier, France, June 16–17, 2008.

The main topic was fitness of requirements engineering. Our economic productivity and well-being in every-day life strongly hinges on information technology, and thus software quality. In most systems, quality is determined through the development process. With the spread of service-oriented and autonomic systems, software quality is continuously negotiated and adapted at run-time. Requirements Engineering sets the stage for quality, both at development- and run-time. In spite of the constant emergence of new technologies and development paradigms, basic issues such as effective communication between stakeholders or correctness, consistency and completeness of large requirements documents are the dominant issues in industry.

Seventeen papers written by authors from 13 different countries address these topics, with particular focus on elicitation, innovative systems and empirical studies, as well as industrial experiences and maturing research. Within these themes, the work presented spans a wide range of application domains such as public health, aeronautics and the automotive industry. It also involves a variety of requirements engineering techniques, from the most established (such as use cases or feature models) to the most innovative (such as search-based software engineering or negotiation constellations).

As in the previous years, the proceedings serve as a record of REFSQ 2008, but also present an excellent snapshot of the state of the art of research and practice. As such, we believe it is of interest to the whole requirements engineering community, from students embarking on their PhD to experienced practitioners, researchers and teachers interested in emerging knowledge, techniques and methods.

March 2008

Barbara Paech
Colette Rolland
Patrick Heymans
Anne Persson

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