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Software Composition

7th International Symposium, SC 2008
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Proceedings

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Preface

The goal of the International Symposia on Software Composition is to advance the state of the research in component-based software development. We focus on the challenges related to component development, reuse, verification and, of course, composition. Software composition is becoming more and more important as innovation in software engineering shifts from the development of individual components to their reuse and recombination in novel ways.

To this end, for the 2008 edition, researchers were solicited to contribute on topics related to component adaptation techniques, composition languages, calculi and type systems, as well as emerging composition techniques such as aspect-oriented programming, service-oriented architectures, and mashups. In line with previous editions of SC, contributions were sought focusing on both theory and practice, with a particular interest in efforts relating them.

This LNCS volume contains the proceedings of the 7th International Symposium on Software Composition, which was held on March 29–30, 2008, as a satellite event of the European Joint Conferences on Theory and Practice of Software (ETAPS), in Budapest, Hungary.

We received 90 initial submissions from all over the world, out of which 70 were considered for evaluation by a Program Committee consisting of 30 international experts. Among these submissions, we selected 13 long papers and 6 short papers to be included in the proceedings and presented at the conference. Each paper went through a thorough revision process and was reviewed by three to five reviewers. This ensured the necessary quality for publishing these proceedings in time for the event, a first in the history of the symposium.

We would like to thank all the authors of submitted papers for their hard work. The ever growing number of submissions since the beginning of SC, shows that this forum is gaining importance in the area. We are very grateful to the members of the Program Committee as well as to the external reviewers for providing high-quality recommendations that enabled us to select a set of diverse and excellent papers. This has been a key point contributing to the success of SC 2008. Finally, we would like to express our gratitude to the European Network of Excellence on Aspect-Oriented Software Development (AOSD-Europe); the International Federation for Information Processing, Technical Committee on Software: Theory and Practice (IFIP, TC 2); the IBM Zurich Research Lab; and the Information and Communication Systems research group at ETH Zurich for supporting this event. Finally we would like to thank the organizers of ETAPS 2008 for hosting and providing an excellent organizational framework for SC 2008.

March 2008

Cesare Pautasso
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