Preface

On behalf of the organizing committee I would like to welcome you to the 2005 Symposium on Component-Based Software Engineering (CBSE). CBSE is concerned with the development of software intensive systems from reusable parts (components), the development of reusable parts, and system maintenance and improvement by means of component replacement and customization. CBSE 2005, "Software Components at Work," is the eighth in a series of events that promotes a science and technology foundation for achieving predictable quality in software systems through the use of software component technology and its associated software engineering practices.

We were fortunate to have a dedicated program committee comprised of thirty-one internationally-recognized researchers and industrial practitioners. We received 91 submissions and each paper was reviewed by at least three program committee members (four for papers with an author on the program committee). The entire reviewing process was supported by CyberChairPro, the Web-Based Paper Submission and Review System developed and supported by Richard van de Stadt of Borbala Online Conference Services. After a two-day virtual program committee meeting, 21 submissions were accepted as long papers and 2 submissions were accepted as short papers.

We are grateful for the assistance provided by the organizers of the ICSE conference, in particular the general chair, Gruia-Catalin Roman, and the Workshops & Co-located Events co-chair André van der Hoek. We also wish to thank the ACM Special Interest Group on Software Engineering (SIGSOFT) for their sponsorship of CBSE 2005. The proceedings you now hold were published by Springer-Verlag and we are grateful for their support. Finally, we must thank the many authors who contributed the high-quality papers contained within these proceedings. As the international community of CBSE researchers and practitioners continues to grow, we expect the CBSE Symposium series to similarly attract widespread interest and participation,

March 2005

George T. Heineman
Program Chair
CBSE 2005

Organization

CBSE 2005 is sponsored by the Association for Computing Machinery (ACM) Special Interest Group in Software (SIGSOFT). CBSE 2005 is a co-located event with the 27^{th} International Conference on Software Engineering (ICSE 2005).

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Previous CBSE Workshops and Symposia

7th International Symposium on CBSE, Lecture Notes in Computer Science, Vol. 3054, Crnkovic, I.; Stafford, J.A.; Schmidt, H.W.; Wallnau, K. (Eds.), Edinburgh, Scotland (2004).

6th ICSE Workshop on CBSE: Automated Reasoning and Prediction `http://www.csse.monash.edu.au/~hws/cgi-bin/CBSE6`. Portland, Oregon (2003).

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`http://www.sei.cmu.edu/pacc/CBSE5`. Orlando, Florida (2002).

4th ICSE Workshop on CBSE: Component Certification and System Prediction. Software Engineering Notes, 26(10), November 2001. ACM SIGSOFT Author(s): Crnkovic, I.; Schmidt, H.; Stafford, J.; Wallnau, K. (Eds.)
`http://www.sei.cmu.edu/pacc/CBSE4-Proceedings.html`. Toronto, Canada, (2001).

3rd ICSE Workshop on CBSE: Reflection in Practice
`http://www.sei.cmu.edu/pacc/cbse2000`. Limerick, Ireland (2000).

2nd ICSE Workshop on CBSE: Developing a Handbook for CBSE
`http://www.sei.cmu.edu/cbs/icse99`. Los Angeles, California (1999).

1st Workshop on CBSE
`http://www.sei.cmu.edu/pacc/icse98`. Tokyo, Japan (1998).

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