

Springer

1st  
edition

2008, XV, 684 p.

**Printed book**

Softcover

**Printed book**

Softcover

ISBN 978-3-540-78928-4

£ 99,99 | CHF 136,00 | 114,99 € |  
126,49 € (A) | 123,04 € (D)

Available

**Discount group**

Science (SC)

**Product category**

Proceedings

**Series**Theoretical Computer Science and General  
Issues**Computer Science : Theory of Computation**

Egerstedt, Magnus, Mishra, Bud (Eds.)

# Hybrid Systems: Computation and Control

**11th International Workshop, HSCC 2008, St. Louis, MO, USA, April 22-24, 2008, Proceedings**

This volume contains the proceedings of the 11th Workshop on Hybrid Systems: Computation and Control (HSCC 2008) held in St. Louis, Missouri during April 22–24, 2008. The annual workshop on hybrid systems focuses on research in embedded, reactive systems involving the interplay between symbolic/switching and continuous dynamical behaviors. HSCC attracts academic as well as industrial researchers to exchange information on the latest developments of applications and theoretical advancements in the design, analysis, control, optimization, and implementation of hybrid systems, with particular attention to embedded and networked control systems. New for this year was that HSCC was part of the inaugural CPSWEEK (Cyber-Physical Systems Week) – a co-located cluster of three conferences: HSCC, RTAS (Real-Time and Embedded Technology and Applications Symposium), and IPSN (International Conference on Information Processing in Sensor Networks). The previous workshops in the series of HSCC were held in Berkeley, USA (1998), Nijmegen, The Netherlands (1999), Pittsburgh, USA (2000), Rome, Italy (2001), Palo Alto, USA (2002), Prague, Czech Republic (2003), Philadelphia, USA (2004), Zurich, Switzerland (2005), Santa Barbara, USA (2006), and Pisa, Italy (2007). We would like to thank the Program Committee members and the reviewers for an excellent job of evaluating the submissions and participating in the online Program Committee discussions. We are grateful to the Steering Committee for their helpful guidance and support. We would also like to thank Patrick Martin for putting together these proceedings, and Jiuguang Wang for developing and maintaining the HSCC 2008 website. January 2008 Magnus Egerstedt Bud Mishra Organization HSCC 2008 was technically co-sponsored by the IEEE Control Systems Society and organized in cooperation with ACM/SIGBED.

**Order online at [springer.com/booksellers](http://springer.com/booksellers)****Springer Nature Customer Service Center GmbH**

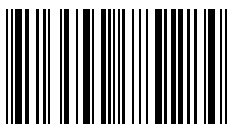
Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

[row-booksellers@springernature.com](mailto:row-booksellers@springernature.com)

ISBN 978-3-540-78928-4 / BIC: UY / SPRINGER NATURE: SCI16005

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**