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Axel Gräser (Ed.)

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- 1 Colloquium of Automation, Salzhausen
- 2 Automation
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PREFACE

This volume contains the proceedings of the 27th, 28th and 29th annual Colloquium of Automation. As every year, these were held in Salzhausen, Germany, in the first week of November. The Colloquia gathered over 140 German and international participants. A large number of international participants confirms that in its 29 year history the Colloquium of Automation has grown from the annual meeting of researchers at the University of Bremen and engineers from local industry to an international meeting of researchers and practitioners in automation and related fields.

The 11 contributions presented in this volume are a selection from 51 papers accepted for presentation at the Colloquium. The coverage of the contributions is very wide, addressing research, new developments, and experience related to:

- Control Theory
- Robotics
- Service Robotics
- Brain Computer Interface
- Virtual/Augmented Reality
- Image Processing

We hope that the reader, whether a participant in the Colloquium, or a research or practising engineer studying the material afterwards, will find the Colloquium publications useful, informative and helpful in their related creative works.

We would like to thank all the authors for submitting their papers as well as all speakers and all participants of the Colloquia for their contributions. We express gratitude to Lothar Renner, Dorin Aiteanu, Nils Horneburg, Maren Hoffman and Leila Fotoohi for their efforts in organizing the Colloquia. Last, but not least, we are also indebted to Leila Fotoohi for her work during the publication process of this volume.

Bremen, September 2008

Axel Gräser

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