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Preface

This volume comprises the proceedings of the Industrial Conference on Data Mining (ICDM 2009) held in Leipzig (www.data-mining-forum.de).

For this edition the Program Committee received 130 submissions. After the peer-review process, we accepted 32 high-quality papers for oral presentation that are included in this book. The topics range from theoretical aspects of data mining to applications of data mining, such as on multimedia data, in marketing, finance and telecommunication, in medicine and agriculture, and in process control, industry and society.

Ten papers were selected for poster presentations that are published in the ICDM Poster Proceedings Volume by *ibai-publishing* (www.ibai-publishing.org).

In conjunction with ICDM two workshops were run focusing on special hot application-oriented topics in data mining. The workshop Data Mining in Marketing DMM 2009 was run for the second time. The papers are published in a separate workshop book "Advances in Data Mining on Markting" by *ibai-publishing* (www.ibai-publishing.org). The Workshop on Case-Based Reasoning for Multimedia Data CBR-MD ran for the second year. The papers are published in a special issue of the *International Journal of Transactios on Case-Based Reasoning* (www.ibai-publishing.org/journal/cbr).

We are pleased to announce that we gave out the best paper award for ICDM fourth time. More details are mentioned at www.data-mining-forum.de. The final decision was made by the Best Paper Award Committee based on the presentation by the authors and the discussion with the auditorium. The ceremony took place at the end of the conference. This prize is sponsored by ibai solutions (www.ibai-solutions.de) one of the leading data mining companies in data mining for marketing, Web mining and E-commerce.

The conference was rounded up by a session on new challenging topics in data mining before the Best Paper Award Ceremony.

We also thank the members of the Institute of Applied Computer Sciences, Leipzig, Germany (www.ibai-institut.de) who handled the conference as secretariat. We appreciate the help and understanding of the editorial staff at Springer, and in particular Alfred Hofmann, who supported the publication of these proceedings in the LNAI series.

Last, but not least, we wish to thank all the speakers and participants who contributed to the success of the conference. The next ICDM will take place in Berlin in 2010.

July 2009 Petra Perner

Industrial Conference on Data Mining, ICDM 2009

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