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## Proceedings

### Proceedings of 3rd International Conference on Data Management Technologies and Applications

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**Foreword:** This volume contains the proceedings of the 3rd International Conference on Data Technologies and Applications - DATA 2014 which is sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC) and co-organized by Austrian Computer Society and Vienna University of Technology – TU Wien (TUW). DATA 2014 is held in cooperation with the ACM SIGI ACM Special Interest Group on Management Information Systems. This conference brings together researchers and practitioners interested in databases, data warehousing, data mining, data management, data security and other aspects of information systems and technologies involving advanced applications of data. The high quality of the DATA 2014 program is enhanced by the four keynote lectures, delivered by distinguished speakers who are renowned experts in their fields: Herbert Edelsbrunner (IST, Austria), Katharina Morik (TU Dortmund University, Germany), Matteo Golarelli (University of Bologna, Italy) and Dimitris Karagiannis (University of Vienna, Austria). The meeting is complemented with the Special Session on Knowledge Discovery meets Information Systems: Experiences and lessons learned dealing with real-life scenarios (KomIS). DATA 2014 received 87 paper submissions, including special sessions, from 30 countries in all continents, of which 10% were presented as full papers. In order to evaluate each submission, a double blind paper review was performed by the Program Committee. The program for this conference required the dedicated effort of many people. Firstly, we must thank the authors, whose research efforts are herewith recorded. Next, we thank the members of the Program Committee and the auxiliary reviewers for their diligent and professional reviewing. We would also like to deeply thank the invited speakers for their invaluable contribution and for taking the time to prepare their talks. Finally, a word of appreciation for the hard work of the INSTICC team; organizing a conference of this level is a task that can only be achieved by the collaborative effort of a dedicated and highly capable team. A successful conference involves more than paper presentations; it is also a meeting place, where ideas about new research projects and other ventures are discussed and debated. Therefore, a social event & banquet has been arranged for the evening of August 30th (Saturday) in order to promote this kind of social networking. We wish you all an exciting conference and an unforgettable stay in the city of Vienna. We hope to meet you again next year at DATA 2015 in Colmar, France. ([Less](#))

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