

Preface

The present book includes extended and revised versions of a set of selected papers from the 4th International Conference on Data Technologies and Applications — DATA 2015), which is sponsored by the Institute for Systems and Technologies of Information, Control and Communication (INSTICC), and co-organized by the University of Haute Alsace and held in cooperation with the ACM SIGMIS — ACM Special Interest Group on Management Information Systems.

The aim of this conference series is to bring together researchers and practitioners interested in databases, data warehousing, data mining, data management, data security, and other aspects of knowledge and information systems and technologies involving advanced applications of data.

DATA 2015 received 70 paper submissions, including special sessions, from 32 countries in all continents, of which 44 % were orally presented (20 % as full papers). In order to evaluate each submission, a double-blind review was performed by the Program Committee.

The high quality of the DATA 2015 program was enhanced by the three keynote lectures, delivered by distinguished speakers who are renowned experts in their fields: Michele Sebag (Laboratoire de Recherche en Informatique, CNRS, France), John Domingue (The Open University, UK), and Paul Longley (University College London, UK).

The quality of the conference and the papers herewith presented stems directly from the dedicated effort of the Steering Committee, Program Committees, and the INSTICC team responsible for handling all logistical details. We are further indebted to the conference keynote speakers, who presented their valuable insights and visions regarding areas of hot interest to the conference. Finally, we would like to thank all authors and attendees for their contribution to the conference and the scientific community.

We hope that you will find these papers interesting and consider them a helpful reference in the future when addressing any of the aforementioned research areas.

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