

**PROCEEDINGS**

**2010 Fourth International Conference on  
Network and System Security**

—— **NSS 2010** ——

**1–3 September 2010  
Melbourne, Australia**

*Edited by*  
**Yang Xiang  
Pierangela Samarati  
Jiankun Hu  
Wanlei Zhou  
Ahmad-Reza Sadeghi**



Los Alamitos, California  
Washington • Tokyo



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# 2010 Fourth International Conference on Network and System Security

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## ICDKE 2010 Preface

The 1st International Conference on Data and Knowledge Engineering (ICDKE 2010) is being held in Melbourne, Australia, 1–3 September 2010. It brings several parallel conferences together. ICDKE 2010 represents a strong and reputable academic meeting addressing many research disciplines in computer science. The conference is a leading international forum for researchers, developers, and end users to explore cutting-edge ideas and results and to exchange techniques. The missions of ICDKE are to share novel research solutions to problems of today's information society that fulfill the needs of heterogeneous applications and environments and to identify new issues and directions for future research and development work. ICDKE seeks papers from academia and industry presenting research on all practical and theoretical aspects of advanced data-intensive applications and data and knowledge engineering, as well as case studies and implementation experiences. All topics related to data and knowledge engineering are of interest and within the scope of the conference. ICDKE gives researchers and practitioners a unique opportunity to share their perspectives with others interested in the various aspects of engineering.

The Program Committee consisted of more than 40 highly regarded academics from around the globe including the Netherlands, France, Japan, Canada, China, and the United States.

Following an international call for papers, we received 63 full papers. Each paper was peer reviewed in full by at least two independent reviewers, and in some cases three or four referees produced independent reviews. The program committee was impressed by the quality of the submissions. Only 15 papers were accepted with an acceptance rate of 23%. A conscious decision was made to select papers for which all reviews were positive and favorable. While this challenged the determination, and some high-quality papers may not be able to be included, we are confident that the results include a very solid program and that each paper makes a strong contribution to the proceedings.

We would like to thank Professor Wanli Zhou and Dr. Yang Xiang for their ideas and suggestions. Without their support, ICDKE might not have been successful. We would also like to thank Dr. Ji Zhang for his assistance with building and managing the conference website, and Georgi Cahill for her support with the finances. Last but not least, we would like to thank all Technical Program Committee members for their excellent work.

**R. Nadarajan, Maabout Sofian, and Hua Wang**

*ICDKE 2010 Program Chairs*

*September 2010*