

Preface

The 5th International Workshop on Information Security Applications (WISA 2004) was held in Jeju Island, Korea during August 23-25, 2004. The workshop was sponsored by the Korea Institute of Information Security and Cryptology (KIISC), the Electronics and Telecommunications Research Institute (ETRI) and the Ministry of Information and Communication (MIC).

The aim of the workshop is to serve as a forum for new conceptual and experimental research results in the area of information security applications from the academic community as well as from the industry. The workshop program covers a wide range of security aspects including cryptography, cryptanalysis, network/system security and implementation aspects.

The program committee received 169 papers from 22 countries, and accepted 37 papers for a full presentation track and 30 papers for a short presentation track. Each paper was carefully evaluated through peer-review by at least three members of the program committee. This volume contains revised versions of 36 papers accepted and presented in the full presentation track. Short papers were only published in the WISA 2004 pre-proceedings as preliminary versions and are allowed to be published elsewhere as extended versions.

In addition to the contributed papers, Professors Gene Tsudik and Ross Anderson gave invited talks, entitled *Security in Outsourced Databases* and *What does 'Security' mean for Ubiquitous Applications?*, respectively.

Many people have helped and worked hard to make WISA 2004 successful. We would like to thank all the people involved in the technical program and in organizing the workshop. We are very grateful to the program committee members and the external referees for their time and efforts in reviewing the submissions and selecting the accepted papers. We also express our special thanks to the organizing committee members for making the workshop possible. Finally, we would like to thank all the authors of the submitted papers and the invited speakers for enabling an interesting workshop program.

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