

Preface

This volume contains the final proceedings of the special stream on security in E-government and E-business. This stream has been an integral part of the IFIP World Computer Congress 2002, that has taken place from 26-29 August 2002 in Montréal, Canada.

The stream consisted of three events: one tutorial and two workshops.

The tutorial was devoted to the theme “An Architecture for Information Security Management”, and was presented by Prof. Dr. Basie von Solms (Past chairman of IFIP TC 11) and Prof. Dr. Jan Eloff (Past chairman of IFIP TC 11 WG 11.2). Both are from Rand Afrikaans University - Standard Bank Academy for Information Technology, Johannesburg, South Africa. The main purpose of the tutorial was to present and discuss an Architecture for Information Security Management and was specifically of value for people involved in, or who wanted to find out more about the management of information security in a company. It provided a reference framework covering all three of the relevant levels or dimensions of Information Security Management.

The theme of the first workshop was “E-Government and Security” and was chaired by Leon Strous, CISA (De Nederlandsche Bank NV, The Netherlands and chairman of IFIP TC 11) and by Sabina Posadziejewski, I.S.P., MBA (Alberta Innovation and Science, Edmonton, Canada).

This workshop addressed three main topics, each one consisting of two invited papers and a panel discussion: (i) *E-Government and Privacy*: addressing questions such as, e.g., what means are available to guarantee privacy, what role should the government play, what do governments do to protect the privacy in their e-information systems, what are Privacy Enhancing Technologies, what are the developments in this area, etc. (ii) *E-Government and Cyberterrorism*: addressing questions such as, e.g., what is cyberterrorism, which new elements can be identified in comparison to the “old-fashioned” threats, what can be done to prevent cyberterrorism, what can be done to limit the damage of cyberterrorism, what is the role of government in this respect, etc. (iii) *E-Government and electronic identities/electronic signatures*: addressing ques-

tions such as, e.g., what is the state of the art in technology concerning the security of electronic identities and electronic signatures, what is the current legislation on these issues, is the citizen ready for it, etc.

The second workshop consisted in “CSES-02, the International Workshop on Certification and Security in E-Services” and was chaired by Prof. Ing. Enrico Nardelli (Univ. of L’Aquila, Italy) and Prof. Ing. Maurizio Talamo (Univ. of Roma ”Tor Vergata”, Italy).

The objective of this workshop was to discuss technical and organizational aspects regarding the areas of certification and of security in network services and their interrelations, presenting both real-life application experiences and methodological proposals, from participants belonging to government, industry and academic communities. The program of the workshop featured five sessions, each one with one invited speaker - a well known expert in issues regarding e-services. Additionally, each session featured one or two contributed papers, selected by the international program committee on the basis of their scientific quality and relevance for the workshop topics.

On the basis of the committee evaluation of papers, eight submissions were selected for presentation at CSES-02 workshop, five as FULL papers (30 minutes for presentation) and three as SHORT papers (15 minutes for presentation and limited to six pages in the proceedings). Overall, there were fourteen submissions, not a large number, but satisfactory for this first edition of the workshop, and with such a large number of competing events in this area. Six submissions failed to qualify as of some interest (in scope and/or in quality) for the workshop and were rejected.