

# IFIP/SEC2002

## SECURITY IN THE INFORMATION SOCIETY Visions and Perspectives

17<sup>th</sup> International Conference on Information Security  
Cairo Marriott Hotel  
7-9 May 2002, Cairo, Egypt



Cairo  
University



Department of  
Electronics & Electrical  
Communications



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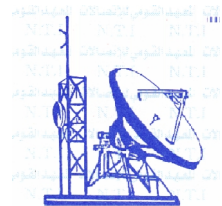
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## *Word from Conference President*

The world is currently witnessing major developments in the field of Information Networks and its applications in all sectors. The Cyberspace is expanding to include individual and institutional activities. This Cyberspace now contains tremendous amount of knowledge, data, and information bases that help in daily transactions. All this necessitates giving due attention to protecting this enormous amount of knowledge, data, and information; and securing individual access to such networks.

Meanwhile, development of governmental information systems that will ultimately lead to the “Electronic Government”, makes it essential to lay the foundation for an integrated system in order to safeguard all components of such system. This incorporates networks and access methods to the different information systems, in addition to the protection of the information content itself. Such development raises an important issue regarding “Individual Privacy” and the importance of preserving it and keeping a minimum level for it without conflicting with the requirement of national security.

Concerning the widespread use of Electronic Commerce, it is essential to have sufficient guarantees for securing all types of transactions between the different parties. Also, it is essential to follow-up international legislations and different standardization systems with an eye towards establishing the appropriate local legislations. All this should be within a comprehensive law that governs activities and behavior in the Cyberspace.

Considering the emerging “Knowledge Economy”, which concentrates on mental innovations, it is necessary to find the appropriate means and legislations to protect such knowledge products. These legislations should strike a balance between the benefits of individual and institutional producers of information and knowledge, and the benefit of the consumers in order to achieve social justice.

At the same time, there are tremendous developments in the management of public utilities that constitute the basic infrastructures, such as water, electricity, gas, and telecommunications. The management of these utilities depends heavily on the use of information networks which deems it necessary to develop the means of protecting such networks to guarantee national security.

It is evident, therefore, that there is a need to have a national strategy for securing information networks, that comprise suitable legislations, and emphasize national awareness on the level of individuals and establishments. It is essential that all ministries and national organizations cooperate in formulating this strategy and develop the appropriate time tables for its implementation. It is also important to follow up on the scientific and technological advances, and to coordinate efforts with different international organizations, in order to review such strategy whenever necessary.

One should not forget that in order for the technological tools and the various legislations to achieve their objectives, “Information Ethics” should receive due attention. Adhering to Information Ethics is essential to achieve the integration of all components of human progress, and should help lay the foundation for the emerging information society.

It is my hope that this International Conference on Information Security, would provide an open arena for exchanging opinion, expertise, and knowledge among our distinguished participants who have come from all over the world. I am sure that your gathering would lead to enrichment of human knowledge, and will help find solutions for challenges that are posed on us by our determination to enter the Cyberspace and be part of the Information Revolution.

**Prof. Dr. Moufeed Shehab**  
**Minister of Higher Education and Scientific Research**  
**Arab Republic of Egypt**

## ***Word from Conference Honorary Chairman***

The world has witnessed drastic changes in contemporary political, economic and social systems since the beginning of the 20<sup>th</sup> century. Many countries are now striving to place themselves in a more prominent position in a new era characterized by high competitiveness, disappearance of boundaries, and market globalization. New success factors have also appeared which include quality, accuracy and spontaneity towards fulfilling societal needs. Information and communications technology play an important role in boosting social and economic progress, by providing the appropriate information necessary for solving the problems of social and economic development, and supporting private sectors in increasing its investments and creating job opportunities aiming at raising the standard of living.

In recognition of the importance of information and its technology, the current era is justifiably called the information era. Meanwhile, many scientists and researchers refer to societies depending heavily on information usage in its activities by the information society.

Dealing with information and its uses through networks underline the importance of securing such information and keeping it safe. This has pumped fresh blood into the sciences and technologies of information security, where the objective is to store information safely, as well as to secure it and use it properly. Hence, the importance of this conference which focuses on the sciences and technologies of information and networking security, need not be stressed.. I am confident that your conference with its high quality scientific and applied research papers, will be an important addition to this vital field both for the developed and developing countries.

Finally, I would like to thank all members of the Program and Organizing Committees for their effort in organizing this important event. My thanks also go to all scientists and researchers attending this conference, whether from foreign countries, Arabic countries or from Egypt for their presence and support of the conference.

**Prof. Dr. Naguib El-Hilaly Gohr**  
**President**  
**Cairo University**

## *Word from Conference Chairman*

Since the emergence of the first generation of electronic computers in the mid forties, many evolutionary developments took place in the information field. Among the catalysts that helped produce these evolutions were major advances in electronic science (such as semiconductors and lasers), advances in computer science (such as operating systems, databases, and programming languages), and advances in telecommunications (such as digital communication, computer networks, and the Internet).

The Personal Computer (PC) represented one of the outcomes of the cross fertilization between the above sciences. As it turned out, the PC has become a highly powerful machine at an affordably low price. Moreover, the emergence of many software applications that met the need of the ordinary user (such as word processing, spread sheets, relational databases, electronic mail, and video conferencing), have resulted in the widespread use of PC's, the disappearance of geographic barriers and the offering of new services that characterize the modern information society (such as E-commerce, E-banking, E-government, and electronic health information systems).

The new information intensive society carried with it new risks, arising from information migration from its classical containers (e.g. books, paper archives, and paper records), and its electronic transfer over vulnerable telephone networks, Internet networks, and mobile networks. It was, therefore, necessary to provide adequate protection to secure different types of information that constituted the core of modern human societies.

There is no doubt that the challenges imposed on us by the need to secure information, has directly and indirectly added new responsibilities to specialize scientific institutes (including those of Engineering, Sciences, and Informatics). Such institutes are entrusted the task of carrying out research studies, as well as proposing new solutions for scientific problems. In addition, they play a vital role in teaching specialized courses that equip their graduates with the necessary skills and knowledge in the area of information security.

I am very proud that the Dept. of Electronics and Electrical Communications at the Faculty of Engineering in Cairo University, has organized this international event in cooperation with Technical Committee 11 of the International Federation of Information Processing (IFIP). I am confident that your gathering will be valuable both for our dear guests who visit Egypt to contribute with their knowledge and expertise, as well as for the Egyptian academicians and practitioners who are interested in information security. In fact, the mere gathering of distinguished scholars and practitioners in Egypt – the land of civilization and history – is an achievement in itself for the benefit of all mankind.

**Prof. Dr. Aly Abdel-Rahman Youssef**  
**Dean**  
**Faculty of Engineering**  
**Cairo University**

## *Word from Conference Secretary General*

It is with pleasure and proud that Egypt hosts the 17<sup>th</sup> International Conference on Information Security. This event is the culmination of an effort that has continued for the last 4 years, since it was agreed during IFIP/SEC98 in Vienna, that Egypt would organize the IFIP/SEC2002 Conference.

In response to the Call for Papers of IFIP/SEC2002, a total of 54 papers were received. After a careful, anonymous, and comprehensive review, the Technical Program Committee has accepted 45 papers from all six continents. Among these, 9 were from UK, 6 from Egypt, 6 from South Africa, 5 from Greece, 2 from Switzerland, 2 from Germany, 2 from Finland, 2 from France, 2 from Sweden, 2 from Australia, 2 from Brazil, 1 from Iraq, 1 from Ireland, 1 from Japan, and 1 from USA.

Due thanks go to all members of TC11 who have diligently helped with the review of papers, as well as through their many constructive ideas. The hard work of the Technical Program Committee members and the outstanding efforts of the Organizing Committee members have all contributed to the successful launch of IFIP/SEC2002.

Among the elements of success for this important international event are the unyielding support of many sincere individuals, the high quality contributions of our distinguished authors, and the generous sponsorship of many governmental and non-governmental organizations in Egypt. To them we offer our great appreciation and acknowledgement.

It is my hope that this event lives up to the expectation of everyone, whether a contributor, a participant, an organizer, or a sponsor. The degree to which this goal is accomplished is – in my opinion – the real measure of success for IFIP/SEC2002.

**Dr. Mahmoud T. El-Hadidi**  
**Professor of Computer Networks**  
**Dept. of Electronics and Electrical Communications**  
**Faculty of Engineering**  
**Cairo University**

## *Conference Committees*

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Gamal DARWISH (Cairo University, Egypt)

Yousri EL-GAMAL (Arab Academy for Science and Technology, Egypt) - tutorials

Sherif EL-KASSAS (American University in Cairo, Egypt) - sponsors

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Hartmut POHL (Fachhochschule Bonn-Rhein-Sieg, Germany)  
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Tarek SAADAWI (City University of New York, USA)  
Pierangela SAMARATI (Universita' di Milano, Italy)  
Mostafa SHERIF (AT&T, USA)  
Rossouw von SOLMS (Port Elizabeth Technikon, South Africa)  
Leon STROUS (De Nederlandsche Bank, The Netherlands)  
Jozef VYSKOC (VaF, r.s.o., Slovak Republic)  
Louise YNGSTROM (Stockholm University, Sweden)  
Amr YOUSSEF (Cairo University, Egypt)

## **Official Language**

The official language of the conference is English.



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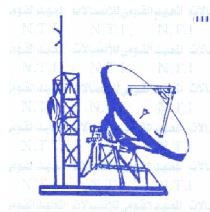
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## Conference Destination

***"About Egypt I shall have a great deal more to relate because of the number of remarkable things which this country contains, and because of the fact that more monuments which beggar description are to be found there than anywhere in the world".***

***Herodotus, 430BC***

Egypt occupies the Northeastern corner of Africa and is connected to Asia by the Sinai Peninsula. It covers 386,000 square miles with a population of 62 million living mainly on the Nile River banks. Cairo is its capital.

Egypt is probably the world's oldest civilization having emerged from the Nile Valley around 3,100 years ago, historically.

Egypt is probably one of the oldest vacation spots. Early Greeks, Romans and others went there just for fun, and to see the wonders of some of mankind's earliest triumphs.

But Egypt is much more than Pyramids and monuments. It is also Red Sea scuba diving, hot night spots, luxury hotels and five star restaurants. It is romantic cruises down the Nile on festive river boats, a night at the grand opera and it is a cultural experience like none you have ever experienced. Egypt is a land bustling with life, sound, visual beauty and excitement.

More than anything else, we want you to think of Egypt as fun. For thousands of years, it has been the playground of emperors and kings, and we hope you will take the time to find out why.

### General Information About Egypt:

**Language:** The official language of Egypt is Arabic language, but English and French are spoken widely. Italian, Greek, Spanish and German are also spoken. Besides, there are guides for all languages including Chinese and Japanese.

**Major Religions:** Muslim (mostly Sunni) 94% (official estimate), Coptic Christian and other 6% (official estimate)



**Egypt's Map**

**Clothing:** In summer, light clothing and closed comfortable shoes are recommended. Hats and sunglasses are advisable as protection from the sun. Whilst evenings are cooler in the autumn, and winter may require a warm sweater or a jacket.

**Food:** There are a big variety of restaurants offering a variety of international food (French, Italian, Japanese, Chinese, Mexican, Lebanese, American and fast food).

**Time:** Two hours in advance of Greenwich Mean Time and three hours for summer time which starts on May 1st and ends on October 1st .

**Growth rate:** 1.86%      **Fertility rate:** 3.41 children/woman

**Birth rate:** 27.31 births/1,000      **Death rate:** 8.41 deaths/1,000

**Male life expectancy:** 60      **Female life expectancy:** 64

**Infant mortality rate:** 69.23 deaths/1,000 live births

## **Egypt's History in Brief:**

Ancient Egyptian history covers a continuous period of over three thousand years. To put this in perspective - most modern countries count their histories in hundreds of years. Only modern China can come anywhere near this in terms of historical continuity.



Egyptian culture declined and disappeared nearly two thousand years ago. The last vestiges of the living culture ceased to exist in AD 391 when the Byzantine Emperor Theodosius I closed all pagan temples throughout the Roman Empire.

It was not until Napoleon's invasion of Egypt in 1798 that the wonderful artifacts of the Egyptians were seen in Europe and their ancient culture began to awaken from its long slumber.



Ancient Egypt is perhaps the most fascinating of the ancient civilizations. Even the Ancient Greeks thought themselves to be a young and inexperienced society compared to the Egyptians. Indeed, the Ancient Egyptian civilization was one of the longest in the west, beginning in approximately 3000 B.C., and lasting until nearly 300 B.C. What is amazing about the Egyptian's culture is not their rapid growth and development, but their ability to preserve the past and prevail with relatively little change. For example, today in the United States we drastically change the style of our clothing each decade, while Egyptian dress did not vary over the thousands of years. There was a civilization where the past lived in the present.

Ancient Egypt is a starting point in the history of western art. Pyramids and sphinxes have become symbols of Egypt, but a closer look reveals artistic genius in many forms.



## **Egypt's Climate:**

Because Egypt boundaries extend from the Mediterranean Sea in the north to the Sudan in the south, its climate varies greatly.

That Egypt is one of the hottest and sunniest countries on the face of the Earth is hardly any great surprise.

Around Alexandria and the resorts that fringe the Mediterranean, summertime temperatures usually peak at around 31 Celsius (87F) but further south, in Aswan, temperatures average 41 Celsius (106F).

In extreme conditions these temperatures soar to a very uncomfortable 44 Celsius (111F) in Alexandria and a dangerously hot 51 Celsius (124F) in Aswan.

Although there can be a few wet days each month along the Mediterranean coast, much of Egypt experiences little or no rainfall.

So with sunshine averaging eight to 10 hours each day in the winter and as much as 12 hours in the summer, the tourist can base their choice of time to visit solely on the likely temperatures.

With summer temperatures in excess of 35 Celsius (95F) touring the sites around Cairo can be very uncomfortable. But it should also be pointed out that January and February can be quite chilly months in Cairo and along the northern half of Egypt's Red Sea coast.

Strong northerly winds can accentuate the lower temperatures so, surprisingly, you may find a warm, windproof jacket quite useful during these months.

Dust-laden winds can affect almost any part of the country between late March and June. These can give some very unpleasant conditions at times.

Taking everything into consideration, the most favourable months to visit Egypt are likely to be November and early March. These months are generally not too hot and daytime temperature unlikely to exceed the low thirties Celsius.

With the searing heat of the day and (usually) a total lack of shade, the usual warnings about using a high factor sun block, drinking as much water as possible and keeping covered up are doubly important.

### **Famous Places In Egypt:**

Cairo

Alexandria

Luxor

Aswan

Sharm El-Shiekh

Hurgada

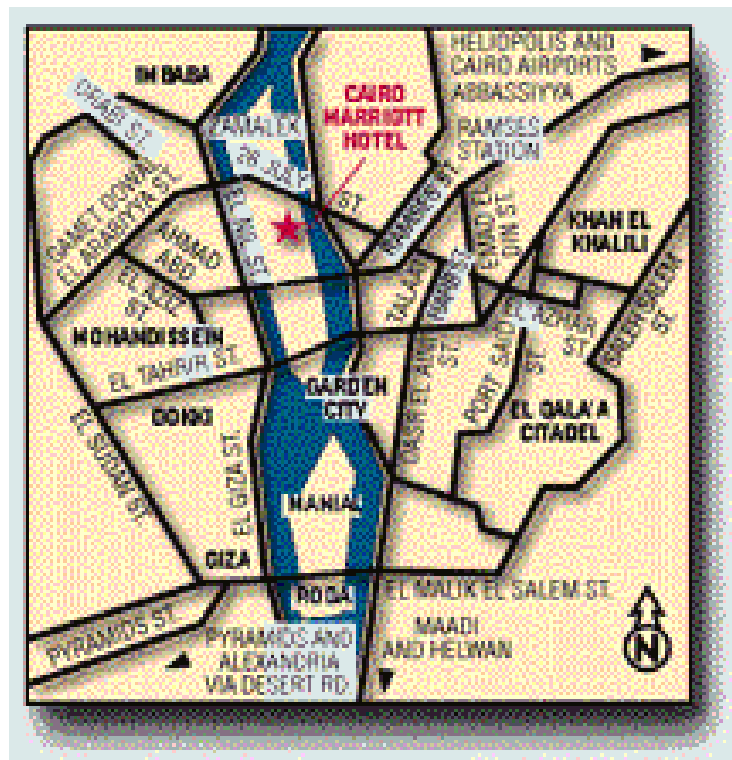
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Cairo Marriott Hotel*



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Palatial is an apt word to describe the exquisite Cairo Marriott Palace, built as it is around a magnificent royal residence that was constructed, and with no expense spared, on the orders of the Khedive Ismail, to mark the opening of the Suez Canal, in 1869. Elegantly detailed and lovingly restored, its antique-adorned interior forms the core of a grand hotel which marries traditional grace with the contemporary panache of dramatic twin towers offering the finest of modern accommodations. The setting is fittingly grand--amid six acres of lush and tranquil gardens on an island of the mighty river Nile, at the very heart of Cairo. The Cairo Marriott Hotel & Casino brings a whole new dimension to the art of good living; 12 high speed lift whisks guests to the cossetting comfort of 1,250 luxury rooms, including executive and corporate suites, in addition to seven presidential suites--all tastefully furnished and equipped to the most demanding international standards.

**Getting to Cairo Marriott**



# *Technical Program*

## *Overview*

<b>Tuesday , 7 May 2002</b>		
<b>9:00 To 10:00</b>	<b>Registration</b>	
<b>10:00 To 11:00</b>	<b>Opening Ceremony</b>	
<b>11:00 To 11:30</b>	<b>Coffee Break</b>	
<b>11:30 To 12:30</b>	<b>Keynote Speech</b>	
<b>12:30 To 13:00</b>	<b>Transportation to Cairo Marriott Hotel</b>	
<b>13:00 To 14:30</b>	<b>Lunch</b>	
<b>14:30 To 16:30</b>	<b>Technical Session: Threats and Attacks to Information (I)</b>	<b>Technical Session: Information Security Management (I)</b>
<b>16:30 To 17:00</b>	<b>Coffee Break</b>	
<b>17:00 To 18:00</b>	<b>Technical Session: Threats and Attacks to Information (II)</b>	<b>Technical Session: Standards for Information Security</b>
<b>18:00 To 18:30</b>	<b>Technical Session: Education and Curriculum for Information</b>	

<b>Wednesday, 8 May 2002</b>		
<b>9:00 To 10:00</b>	<b>Invited Talk</b>	
<b>10:00 To 11:00</b>	<b>Technical Session: Social and Ethical Aspects of Information</b>	
<b>11:00 To 11:30</b>	<b>Coffee Break</b>	
<b>11:30 To 13:00</b>	<b>Technical Session: Application of Information Security (I)</b>	<b>Technical Session: Information Security Services (I)</b>
<b>13:00 To 14:30</b>	<b>Lunch</b>	
<b>14:30 To 16:30</b>	<b>Technical Session: Application of Information Security (II)</b>	<b>Technical Session: Information Security Services (II)</b>
<b>16:30 To 17:00</b>	<b>Coffee Break</b>	
<b>17:00 To 17:30</b>	<b>Technical Session: Infrastructure for Information Security</b>	<b>Technical Session: Information Security Services (III)</b>
<b>17:30 To 18:00</b>	<b>Technical Session: Advanced Topics of Security</b>	
<b>18:00 To 18:30</b>	<b>Technical Session: Information Security Management (II)</b>	<b>Technical Session: Multilateral Security</b>

<b>Thursday, 9 May 2002</b>		
<b>9:00 To 11:00</b>	<b>Technical Session: Modeling and Analysis for Information Security</b>	<b>Technical Session: Tools for Information Security</b>
<b>11:00 To 11:30</b>	<b>Coffee Break</b>	
<b>11:30 To 12:30</b>	<b>Technical Session: Legislation for Information Security</b>	
<b>12:30 To 14:00</b>	<b>Panel Discussion</b>	
<b>14:00 To 15:30</b>	<b>Lunch</b>	
<b>15:30 To 16:30</b>	<b>Kristian Beckman Award Best Student Paper Awards Presentation of IFIP/Sec'03</b>	
<b>16:30 To 17:00</b>	<b>Closing session</b>	

## Detailed

<b>Tuesday , 7 May 2002</b>			
<b>9:00 To 10:00</b>	<b>Registration (Cairo University)</b>		
<b>10:00 To 11:00</b>	<b>Opening Ceremony (Cairo University)</b>		
<b>11:00 To 11:30</b>	<b>Coffee Break (Cairo University)</b>		
<b>11:30 To 12:30</b>	<b>Keynote Speech (Cairo University)</b> <b>Chair:</b> M. Ghonaimy Towards Safer Global E-Commerce Dr. Taher Elgamal , CTO & Co-Chairman of the Board Security (USA)		
<b>12:30 To 13:00</b>	<b>Transportation from Cairo University to Cairo Marriott Hotel</b>		
<b>13:00 To 14:30</b>	<b>Lunch</b>		
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### Remarks:

1. All events of the conference, starting from 13:00 on Tuesday, 7 May 2002, take place in the Cairo Marriott Hotel
2. Room designation is as follows (all rooms are in the Cairo Marriott Hotel):
  - Room A: Verdi
  - Room B: Eugenie
  - Room C: Aida
  - Room D: View

<b>Wednesday, 8 May 2002</b>		
<b>9:00 To 10:00</b>	<b>Invited Talk (Room C)</b> <b>Chair:</b> W. Caelli Visions And Perspectives For The Security of Smart Cards Jean-Jacques Quisquater of Catholic University at Louvin (Belgium)	
<b>10:00 To 11:00</b>	<b>Technical Session: Social and Ethical Aspects of Information (Room C)</b> <b>Chair:</b> T. Virtanen <b>Co-Chair:</b> M. Ghonaimy Information Security Culture: The Socio-Cultural Dimension in Information Security Management <i>T. SCHLIENGER, and S. TEUFEL</i> Information Security Culture <i>A. MARTINS, and J. ELOFF</i>	
<b>11:00 To 11:30</b>	<b>Coffee Break</b>	
<b>11:30 To 13:00</b>	<b>Technical Session: Application of Information Security (I) (Room A)</b> <b>Chair:</b> D. Chadwick <b>Co-Chair:</b> M. El-Hadidi BRITS-A Holistic Framework for Hedging Shareholder Value in IT Dependent Business <i>C. MAGNUSSON, and L. YNGSTRÖM</i> Information Systems Security and the Information Systems Development Project: Towards a Framework for Their Integration <i>T. TRYFONAS, and E. KIOUNTOUZIS</i> An Efficient Hybrid Sealed Bid Auction Protocol <i>R. ABDEL-MONEIM, S. EL-KASSAS, and H. HOSNY</i>	<b>Technical Session: Information Security Services (I) (Room C)</b> <b>Chair:</b> J. Eloff <b>Co-Chair:</b> M. Darwish Keystroke Analysis as a Method of Advanced User Authentication and Response <i>P.S. DOWLAND, S.M. FURNELL, and M. PAPADAKI</i> Zero Knowledge Broadcasting Identification Scheme <i>M.S. EL-SOUDANI, H.S. EL-REFAEY, and H.M. MOURAD</i> A New End-to-End Authentication Protocol for Mobile Users to Access Internet Services <i>LI-SHA HE, N. ZHANG, LI-RONG HE</i>
<b>13:00 To 14:30</b>	<b>Lunch</b>	
<b>14:30 To 16:30</b>	<b>Technical Session: Application of Information Security (II) (Room A)</b> <b>Chair:</b> D. Gritzalis <b>Co-Chair:</b> S. El-Kassas Self-Determination in Mobile Internet: PiMI Prototype Results <i>S. FISCHER-HÜBNER, M. NILSSON, and H. LINDSKOG</i> Secure Component Distribution Using WebCom <i>S.N. FOLEY, T.B. QUILLINAN, and J.P. MORRISON</i> E-Ticket Issuing System with 3-D Pattern Recognition for Mobile Terminals <i>R. UDA, M. ITO, K. AWAYA, H. SHIGENO, and Y. MATSUSHITA</i> An Insight Into User Privacy and Accountable Anonymity for Mobile E-Commerce Transactions <i>D. CRITCHLOW, and N. ZHANG</i>	<b>Technical Session: Information Security Services (II) (Room B)</b> <b>Chair:</b> J. Miettinen <b>Co-Chair:</b> M. El-Soudani Mandatory Security Policies for CORBA Security Model <i>C.M. WESTPHALL, J. DA S. FRAGA, C.B. WESTPHALL, and S.C.S. BIANCHI</i> Policap-Proposal, Development and Evaluation of a Policy Service and Capabilities for CORBA Security <i>C.M. WESTPHALL, J. DA S. FRAGA, M.S. WANGHAM, R.R. OBELHEIRO, and L.C. LUNG</i> Secure Database Connectivity on the WWW <i>M. COETZEE, and J. ELOFF</i> Towards Semantic Integrity in Rational Databases <i>R.A. BOTHA</i>
<b>16:30 To 17:00</b>	<b>Coffee Break</b>	
<b>17:00 To 17:30</b>	<b>Technical Session: Infrastructure for Information Security (Room A)</b> <b>Chair:</b> K. Rannenberg <b>Co-Chair:</b> A. Fahmy Secure Selective Exclusion in Ad Hoc Wireless Network <i>R.O. DI PIETRO, L.V. MANCINI, and S. JAJODIA</i>	<b>Technical Session: Information Security Services (III) (Room B)</b> <b>Chair:</b> S. Qing <b>Co-Chair:</b> Y. El-Gamal Formal Design of Packet Filtering Systems <i>G. OSMAN, M.G. DARWISH, and M. ZAKI</i>
<b>17:30 To 18:00</b>	<b>Technical Session: Advanced Topics of Security (Room A)</b> <b>Chair:</b> K. Rannenberg <b>Co-Chair:</b> A. Fahmy Optical Network Models for Quantum Cryptography <i>S.T. FARAJ, F. AL-NAIMA, and S.Y. AMEEN</i>	Elliptic Curve Cryptosystems on Smart Cards <i>E. MOHAMMED, A. EMARAH, and K. EL-SHENNAWY</i>
<b>18:00 To 18:30</b>	<b>Technical Session: Information Security Management (II) (Room A)</b> <b>Chair:</b> K. Rannenberg <b>Co-Chair:</b> A. Fahmy Elaborating Quantitative Approaches for IT Security Evaluation <i>D. GRITZALIS, M. KARYDA, and L. GYMNOPOULOS</i>	<b>Technical Session: Multilateral Security (Room B)</b> <b>Chair:</b> S. Qing <b>Co-Chair:</b> Y. El-Gamal Establishing Bilateral Anonymous Communication in Open Networks <i>T. DEMUTH</i>



<b>Thursday, 9 May 2002</b>		
<b>9:00 To 11:00</b>	<b>Technical Session: Modeling and Analysis for Information Security (Room B)</b> <b>Chair:</b> B. De Decker <b>Co-Chair:</b> H. Aslan A Security Incident Data Model <i>M.A. BELSIS, N. GODWIN, and L. SMALOV</i> Security Levels for Contracting Agents <i>A.MEIER, and S. RÖHRIG</i> Functional Requirements for a Secure Electronic Voting System <i>S. IKONOMOPOULOS, C. LAMBRINOUDAKIS, D. GRITZALIS, S. KOKOLAKIS, and K. VASSILIOU</i> Intelligent IP Packet Filtering <i>M. HASHEM, A. MOHAMED, and M. WAHIB</i>	<b>Technical Session: Tools for Information Security (Room D)</b> <b>Chair:</b> Y. Deswarte <b>Co-Chair:</b> A. Tantawy Human Computer Interaction: An Information Security Perspectives <i>M.M. ELOFF, and J.H.P. ELOFF</i> A Very Smart Card for Fighting Against Terrorism <i>J. GENESTE</i> SHEDEL – A Simple Hierarchical Event Description Language for Specifying Attack Signatures <i>M. MEIER, N. BISCHOF, and T. HOLZ</i> Propagating Modifications to Mobile Policies <i>K. SMITH, D. FAATZ, A. FAYAD, and S. JAJODIA</i>
<b>11:00 To 11:30</b>	<b>Coffee Break</b>	
<b>11:30 To 12:30</b>	<b>Technical Session: Legislation for Information Security (Room B)</b> <b>Chair:</b> L. Yngström <b>Co-Chair:</b> M. Maged A Unified Regulatory Framework on a European Information Society: Suggested Building Levels <i>P.S. ANASTASIADES</i> Revisiting Legal and Regulatory Requirements for Secure E-Voting <i>L. MITROU, D. GRITZALIS, and S. KATSIKAS</i>	
<b>12:30 To 14:00</b>	<b>Panel Discussion (Room B)</b> <b>Chair:</b> T. Elgamal <b>Co-Chair:</b> H. El-Shishiny Establishing a National Information Security Policy: A Blue Print	
<b>14:00 To 15:30</b>	<b>Lunch</b>	
<b>15:30 To 16:30</b>	<b>Kristian Beckman Award (Room B)</b> <b>Best Student Paper Award (Room B)</b> <b>Presentation of IFIP/SEC2003 (Room B)</b>	
<b>16:30 To 17:00</b>	<b>Closing session (Room B)</b>	

## *Tutorials*

### **Tutorial #1**

**Date:** Friday, 10 May 2002

**Time:** 9:00 To 14:00

**Title:** "Security and smart cards"

#### **Presenter:**

Professor Jean-Jacques Quisquater, Catholic University at Louvain, Belgium

#### **Contents:**

- story, evolution,
- essential tool for cryptography and security,
- description, standards, protocols, ...
- specific constraints for cryptographic protocols and functions,
- arithmetical (co)processors,
- attacks and countermeasures : CRT, time, current, radiation, ...
- applications : pay-TV, card SIM, card Proton, ...

#### **Biography:**



Jean-Jacques Quisquater is professor of cryptography and multimedia security at the Department of Electrical Engineering, University of Louvain, Louvain-la-Neuve, where he is responsible (at least at the scientific level) of many projects related to smart cards, to secure protocols for communications, digital signatures, payTV and protection of copyrights. He is teaching cryptography at ENS (rue d'Ulm, Paris). He is a member of the steering committee of ESORICS (international conference about security) and CARDIS (research conference about smart cards): he was a director of the International Association for Cryptologic Research during 1993--1995. He was the program chairman for CARDIS '98 and general chairman of ESORICS '98, member of the program committees of CRYPTO '98 and '99, EUROCRYPT '99, RAID '98, '99 and '00, (conference about intrusion), IHW '98 and '99 (conference about watermarking), CHESS '99, '00 (smart cards). He was the Belgian representative at IFIP TC11 (international group related to security) and he was very often involved in the process of evaluating European projects. His group includes people from (applied) mathematics, computer science, telecommunications and microelectronics. This diversity is the main strong point of the group able to study many views of the same problem. He is the (co)-author of 110 papers (conferences and journals) and holds 17 patents (first smart cards with DES, RSA). He is the head of the Microelectronics Laboratory of the University of Louvain, Louvain-la-Neuve. He received the Francqui chair and the Montefiore prize in 2001 and is listed in the "Who's Who in the World" (2002).

**Tutorial Fees:** US \$ 100

## **Tutorial #2**

**Date: Friday, 10 May 2002**

**Time: 15:00 To 18:00**

**Title:** “A Holistic View of Secure Systems Development: Using Patterns and UML”

### **Presenters:**

Eduardo B. Fernandez, Dept. of Computer Science and Engineering at Florida Atlantic University in Boca Raton, Florida, U.S.A.

Jan Jürjens, Dept. of Informatics, Technical University of Munich, Germany

### **Contents:**

- ❑ Computer Security: A holistic view  
threats and defenses, security objectives, policies, models and architectures, levels of protection.
- ❑ Secure Systems Development  
need for a global view, need for a conceptual structure, principles of design for security, use of object oriented modeling, use of patterns, security in the software life-cycle.
- ❑ UMLsec: Secure Systems Development with UML  
overview of the Unified Modeling Language (UML), incl. extension mechanisms requirements on a UML extension for secure systems development, the UML extension UMLsec, security requirements formulation and security assumptions in UMLsec, risk analysis and system specification evaluation, applications and case-studies: Java security, CORBAsec, Internet protocols, electronic purses, tool-support.

### **Biography:**



Eduardo B. Fernandez (Eduardo Fernandez-Buglioni) is a professor in the Department of Computer Science and Engineering at Florida Atlantic University in Boca Raton, Florida. He has published numerous papers on authorization models, object-oriented analysis and design, and fault-tolerant systems. He has written three books on these subjects. His current interests include object-oriented design and Internet security. He holds a MS degree in Electrical Engineering from Purdue University and a Ph.D. in Computer Science from UCLA. He is a Senior Member of IEEE, and a member of ACM. He is an active consultant for industry, including assignments with IBM, Allied Signal, Motorola, Harris, Lucent, and others. More details could be found at <http://www.cse.fau.edu/~ed>



Jan Jürjens is a researcher at the Technical University of Munich (Germany). He is the author of 17 papers, mostly on computer security and software engineering. Received awards include a scholarship from the German National Merit Foundation (Studienstiftung des deutschen Volkes, awarded to top 0.5% of German students) and a best student paper award from IFIP/SEC'01. He has studied Mathematics and Computer Science at the Univ. of Bremen (Germany) and the Univ. of Cambridge (GB) and received a M.Sc. degree with Distinction from the Univ. of Bremen. He has done research towards a PhD at the Univ. of Edinburgh (GB), Bell Laboratories (Palo Alto, USA), and the Univ. of Oxford (GB) and is currently finishing his DPhil (Doctor of Philosophy) in Computing from the Univ. of Oxford.

**Tutorial Fees: US \$100**

## *Keynote Speech*

**Speaker** : Dr. Taher Elgamal  
**Title of Speech** : Towards Safer Global E-Commerce

### **Abstract :**

The recent growth in E-commerce using the Internet as a medium for conducting business has made the issue associated with the security of the Internet extremely visible. The global nature of the Internet makes business easy and less expensive, but will the security issues slow down E-commerce growth. This talk will present an overall picture of E-commerce applications from a security viewpoint, including the available security technologies and products as business enabler.

Special attention is given to the open areas where the existing solutions don't address all the issues and the direction for global solutions.

### **Biography :**



Dr. Taher Elgamal founded Securify, Inc. after serving as Chief Scientist at Netscape Communications where he pioneered SSL, the standard for web security. Prior to Netscape, Dr. Elgamal was the Director of Engineering at RSA Data Security, Inc. While there, he built and ran the engineering department that developed the RSA cryptographic toolkits, the industry standards for security-enabled applications and systems development.

He received his Masters and PhD degrees in Computer Science from Stanford University, and his B.Sc degree in Electrical Engineering from Cairo University.

A recognized leader and frequent spokesman in the information security industry, Dr. Elgamal has made numerous, substantial contributions to the industry. These include development of the original public key cryptography and digital signature technology. He invented the Elgamal cryptography technology later adopted by NIST as the digital signature standard (DSS).

He also participated in the 'SET' credit card payment protocol, plus a number of Internet payment schemes. In addition to his responsibilities as CTO & Co-Chairman of the Board of Securify, Dr. Elgamal serves on the board of directors of RSA Data Security, Hi/fn, Phoenix Technologies and Valicert.

## ***Kristian Beckman Award***

The Kristian Beckman was established in 1992 by IFIP Technical Committee 11 to commemorate the first chair of the committee, Kristian Beckman from Sweden, who was also responsible for promoting the founding of TC11 in 1983.

This award is granted annually to a successful nominee and is presented at the annual IFIP Security Conference that is organized under the auspices of TC11.

The objective of the award is to publicly recognize an individual, not a group or organization, who has significantly contributed to the development of information security, especially achievements with an international perspective. However this particular requirement will not necessarily preclude nominations of those whose main achievements have been made on a national level.

Candidates for the award may be either academic or practitioners, or active in both respects. Suitable candidates are selected and nominated by national bodies who are represented on IFIP TC11. Candidates may also be proposed by TC11 itself. A current TC11 member may be nominated for the Award once in every two years.

The individuals selected by the national bodies need not necessarily be of the same nationality as that which the nominating body represents. However, the nominees should at least have made part of their contributions to the information security field in the country from which the nomination is made.

The criteria for nomination requires that at least part of the individual's efforts should be in the form of books, articles or presentations in the field of information security. The presentations should have been given at public seminars or conferences and the articles need to have been published in recognized journals or newspapers, preferably those that specifically address the information security field.

At its 1998 meeting TC11 members agreed that the IFIP member society that commits to organize an IFIP/SEC conference would budget for the costs associated with the presentation of the Kristian Beckman Award for that conference.

### **KB Award Recipient for IFIP/SEC2002**



Professor William J Caelli, FACS, FTICA, MIEEE  
(Senior)  
Head - School of Software Engineering and Data  
Communications  
Member and Founding Director - Information Security  
Research Centre  
Faculty of Information Technology  
Queensland University of Technology  
Brisbane, Queensland  
AUSTRALIA

## **“ Trusted or Trustworthy : The Search for a New Paradigm for Computer and Network Security”**

### **Abstract:**

On the occasion of the presentation of the Kristian Beckman Award for 2002 it is appropriate to pause and reflect on the state of computer and associated data network security at the start of the new millennium. This paper sets out a number of major questions and challenges which include:

- just what is meant by "trusted" or "trustworthy" systems after 20 years of experience, or more likely, lack of business level experience, with the "trusted computer system" criteria anyway?
- does anyone really care about the adoption of international standards for computer system security evaluation by IT product and system manufacturers and suppliers (IS 15408) and, if so, how does it all relate to business risk management anyway (IS 17799)?
- with the explosion of adoption of the microcomputer and personal computer some 20 years ago, has the industry abandoned all that it learnt about security during the "mainframe era"; or "whatever happened to MULTICS" and its lessons?
- has education kept up with security requirements by industry and government alike in the need for safe and secure operation of large scale and networked information systems on national and international bases, particularly where web or Internet based information services are being proposed as THE major "next best thing" in the IT industry?
- has the "4th generation" of computer professionals inherited the spirit of information systems management and control that resided by necessity with the last "generation", the professionals who developed and created the applications for shared mainframe and minicomputer systems?

Overall, the paper proposes that, like other industries before it, from the car industry to food to pharmaceuticals and drugs, the role of government in relation to its community care responsibilities cannot be ignored in societies that have now become dependent upon the safe, secure and reliable operation of computer systems and data networks; so-called "National Information Infrastructure Protection" or NIIP.

Is it time for government to enact legislation that places firm and legally binding obligations on the information technology industry to create and distribute safe and secure products and systems; to be liable for deliberate, or even negligent, release of faulty software products and the like? For the computer professionals creating the necessary applications that enable such systems to be used, is it time for legal responsibility based around concepts of professional conduct?

Finally, in relation to specialized information security professionals acting to manage such critical information systems, is it time for government registration of those IT security professionals and, if so, just what has to be the base levels of education and training needed for a person to act as such? Unlike other industries, some professionals given charge of IT security may have had little more INFOSEC education than "buying a copy of Bruce Schneier's book" (an actual quote).

## *Social Events*

### **El-Tanoura Troupe For Cultural Heritage-Egypt**

In an effort to reserve and revive traditional folkloric arts of Egypt, some of which were on the verge of extinction, Al-Ghoury center of cultural heritage created the TANOURA dancing troupe in February 1988.

The 30 member troupe have taken part in various national and international festivals and cultural programs both in Egypt and abroad. Among the countries, which the troupe has performed in are the United states, Japan, Italy, France, Greece, China, Hungary, Lebanon, Yemen, Norway, Morocco, Tunisia, Sweden, Hong Kong, Finland, Austria, Denmark, North Korea, South Korea, India, Belgium, Kenya, Portugal, Czech, Romania, Venezuela, Syria, Jordan, Australia, and Singapore.

In its performances the TANOURA troupe dances to folkloric musical instruments such as the Rababa, the Sallamia, the Mozmar, the Mazhar, the Saggates, and the Drum, accompanied by a folkloric artist in a singing role which requires a highly spontaneous singing ability and a deep knowledge of religious and folkloric hymns.

The central attraction of the performances is, however, the lead Tanoura dancer and the other dancers who skillfully handle and gracefully integrate a large shirt-like mosaic of colorful fabric into the theme of the performance. (Tanoura literally means large skirt in Arabic.) it is also noteworthy that all members of the troupe have inherited the tradition of Tanoura dancing from their forefathers and special skills needed to perform the dances have been passed on from one generation to the next.

### **Tanoura**

The performance of "El Tanoura" consists of 3 parts: The introduction which is a demonstration of the various musicians and their instruments. The Tanoura presentation dance, which is a warm-up of sorts introducing the dancers, and finally the Sufic Tanoura dance (Darawishes)

The philosophical basis for the spinning is from the Mawlawis who say that the movement in the world begins at a certain point and end at the same point, therefore the movement has to be circular.



When the tanoura dancer moves himself, he is like the sun and the dancers around him like the planets. The dancer unties and removes four different skirts during the finale. Their various roundabouts symbolize the succession of the four seasons and their anti-clockwise movement is exactly like the movement around the "Kaaba" (the holy Shrine in Mecca)



When the dancer raises his right arm up and points his left arm down, this represents the joining of earth and heaven together. When he turns himself around, it is said that he enters a trance-like state, trying to become light and go up to heaven

**Remark :** One FREE ticket is included in the kit received by registered participants in IFIP/SEC2002. Additional tickets may be purchased at a cost of US\$ 40, each.



## Gala Dinner

The Conference Gala Dinner will take place along the River Nile, on board one of the two cruising restaurants, the Nile Pharaoh and the Golden Pharaoh.



Both ships offer their guests an opportunity to experience memories of the Pharaohs, who had visions of eternity. The Nile cruise takes about two hours.

During dinner, Oriental or Western music is played on each of the two decks, followed by a belly dance performance and folkloric show.

Due to the unique experience created, the Nile Pharaoh and the Golden Pharaoh are popular, not only with the local population, but have also become a landmark in Cairo and a must for every visitor.

Participants in the event should arrive thirty minutes before ship departure.

**Remark :** One FREE ticket is included in the kit received by registered participants in IFIP/SEC2002. Additional tickets may be purchased at a cost of US\$ 40, each.



## *Accommodation*

The following is a list of recommended hotels with their rates:

<b>Cairo Marriott</b> 5 stars - Deluxe Single: US\$ 97.00 Double: US\$ 107.00 Including Breakfast Website: <a href="http://www.marriott-hotels.com/">http://www.marriott-hotels.com/</a>	<b>Pyramisa Cairo</b> 5 stars - Standard Single: US\$ 55.00 Double: US\$ 60.00 Including Breakfast
<b>Cairo Marriott</b> 5 stars - Standard Single: US\$ 68.00 Double: US\$ 78.00 Including Breakfast	<b>Atlas Zamalek</b> 4 stars - Standard Single: US\$ 48.00 Double: US\$ 55.00 Including Breakfast

All rates listed above are:

1. Net, inclusive of service charges and all applicable taxes
2. Valid till May 30th 2002, unless otherwise indicated
3. As for children policy : should there be a specific request for an extra bed for the children, the Triple Room Rate will be applied
4. Valid for group business and not individual basis, i.e. the rates are subject to have at least 15 rooms in one hotel.
5. Valid for this event only.

### **Contact Information :**

Adel Zakaria  
Director Business Development

ATON TRAVEL  
2, Hayet El-Tadris Square, Dokki, Cairo - Egypt  
Tel : (+202) 748 6907 /19 / 26 (Ext. 217)  
Mobile :(+2) 010-1111785  
Fax : (+202) 748 6949  
E-Mail : a.zakaria@atontravel.com.eg

## *Sightseeing Tours and Travel*

### **Travel Information:**

Egypt is probably one of the oldest vacation spots. Early Greeks, Romans and others went there just for fun, and to see the wonders of some of mankind's earliest triumphs.

But Egypt is much more than Pyramids and monuments. It is also Red Sea scuba diving, hot night spots, luxury hotels and five star restaurants. It is romantic cruises down the Nile on festive river boats, a night at the grand opera and it is a cultural experience like none you have ever experienced. Egypt is a land bustling with life, sound, visual beauty and excitement.

You can find many cities in Egypt that you will enjoy visiting it such as Cairo, Hurgada, Sharm Elsheikh, Luxor, Aswan and Alexandria. Below is the travel Program offered by Aton Travel, the Official Tour Operator of IFIP/SEC2002.

Tour Code	Description of Tours	Days of Operation	Duration	Price
C01	<u>Half day visit of the Egyptian museum</u>	daily	3 hours	\$25
C02	<u>Half day visit of the Pyramids and Sphinx</u>	daily	4 hours	\$26
C03	<u>Half day visit of Memphis and Sakkara</u>	daily	4 hours	\$28
C04	<u>Half day visit of the Citadel, Mohamed Ali Mosque and Bazaar</u>	daily	4 hours	\$25
C05	<u>Half day visit of the Coptic museum, Ibn Tolon mosque, Moalaka church, Ben Ezra synagogue</u>	daily	4 hours	\$23
C06	Full day combination of your choice of two half days	daily	8 hours	\$48
C07	<u>Over day Alexandria visiting the Roman theatre, Catacombs, Qaitbay's fort, Montazah Palace, and Greco Roman museum.</u>	daily	12 hours	\$65
C08	Dinner cruise with live entertainment + transfers from/to your hotel	daily	3 hours	\$34
C09	<u>Sound and Light show at Pyramids + transfers from/to your hotel</u>	daily	3 hours	\$25
C10	Over day <u>Luxor</u> visiting East Bank & West Bank + transfers in Cairo & Luxor (excluding domestic airfare)	daily	12-14 hours	\$80
C11	One night /2 days <u>Luxor</u> at deluxe hotel with buffet breakfast and classical sightseeing of the East & West banks	daily	----	\$120
C12	<u>Three nights Nile cruise (Luxor/Aswan) - deluxe cruise with full board and all sightseeing as per cruise itinerary (excluding domestic airfare)</u>	request	----	\$270
C13	<u>Four nights Nile cruise (Luxor/Aswan) - deluxe cruise with full board and all sightseeing as per cruise itinerary (excluding domestic airfare)</u>	request	----	\$330
C14	Two nights in <u>Sharm El Sheikh</u> - deluxe hotel with buffet breakfast (excluding domestic airfare)	daily	----	\$120
C15	Two nights in <u>Hurghada</u> - deluxe hotel with buffet breakfast (excluding domestic airfare)	daily	----	\$115

**Prices:**

- Prices are quoted in U.S. Dollars, valid till May 30th, 2002 and subject to change if entrance fees to the sights indicated will change, or if new taxes are imposed.
- Prices are quoted for a minimum participation of two persons per tour, for groups larger than 8 persons, joining the same tour, in the same day & hour, discounted prices are available upon request.
- The tour price includes: Air-conditioned transportation with qualified drivers, assistance of a professional tour guide (Egyptologist) and the entrance fees to the sites indicated.
- For tours C10, C11, C12 and C13, prices include: Transfers from/to hotels in Cairo, Luxor & Aswan, entrance fees to the sites indicated, assistance of a tour guide (Egyptologist), A/C transportation and meals as indicated.
- For tours C14 & C15, price includes: Transfers from/to hotels in Cairo, Sharm El Sheikh or Hurghada and accommodation as indicated.

**Remark:****(A) Domestic airfare is not included in any of the above tours**

Tour C10 & C11:	domestic airfare Cairo / Luxor / Cairo	\$244	Economy Class
Tour C12 & C13:	domestic airfare Cairo/Luxor-Aswan/Cairo	\$290	Economy Class
Tour C14:	domestic airfare Cairo / Sharm ElShaikh / Cairo	\$278	Economy Class
Tour C15:	domestic airfare Cairo / Hurghada / Cairo	\$264	Economy Class

**(B) Nile Cruise & Hotel rates in Sharm El-Sheikh & Hurghada:**

Rates are based on double occupancy, single accommodation will be as follows:

Tour C11 ( one night Luxor) \$155 Per Person in Single

Tour C12 ( three nights Nile cruise) \$475 Per Person in Single

Tour C13 ( four nights Nile cruise ) \$580 Per Person in Single

Tour C14 & C15 ( two nights Sharm or Hurgahada) \$180 Per Person in Single

**Contact Information :**

Adel Zakaria

Director Business Development

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2, Hayet El-Tadris Square, Dokki, Cairo - Egypt

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Mobile : (+2) 010 – 1111785

Fax : (+202) 748 6949

Email : a.zakaria@atontravel.com.eg

## ***Registration Fees***

The registration fees for the conference are as follows:

Fees: US\$ 500.00

Fees cover one copy of Conference Proceedings, Conference Stationary, Lunch/Coffee Breaks during 3 days of Conference, the Nile cruise dinner, and El-Tanoura Troupe.

Payment Methods:

***Certified Check*** Payable to : IFIP/SEC2002

(Please send the check by registered mail to the Conference Secretary General, and send a separate E-Mail containing the details of your Certified Check including Check Number, Date of Issue , and Issuing Bank, for confirmation)

***Wire Transfer***

Account Name : IFIP/SEC2002                      Account No: 17302

At : Mohandes Bank (Cairo University Branch)

Correspondent Bank : Bank of New York, New York, USA

Account at Correspondent Bank : 803 309 8201

(ABA 021000018)

(Please send an E-Mail containing the details of your Wire Transfer including Check Number, Date of Issue , and Issuing Bank, for confirmation)



Sec 2002  
Cairo - Egypt  
May 7 - 9, 2002



مؤتمر المدن المعلومات  
القاهرة - جمهورية مصر العربية  
٧ - ٩ مايو ٢٠٠٢



# IFIP/SEC2002

## Participant Registration Form

### Name

First	Middle	Last
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### Affiliation

Organization Name
Position

### Address

Street	State/Province	Country
City/Town		

### Contact Information

Tel :	Fax :	Mobile:
E-Mail :		

### Registration Fees

<input type="checkbox"/> Conference Fees: US\$ 500.00	<input type="checkbox"/> Tutorial # 1 : US\$ 100	<input type="checkbox"/> Tutorial # 2 : US\$ 100
Conference fees cover one copy of Conference Proceedings, Conference Stationary, Lunch/Coffee Breaks during 3 days of Conference, the Nile cruise and dinner, and El-Tanoura Troupe.		
Payment Methods (Check ONE) :		
<input type="checkbox"/> <b>Certified Check</b>	Payable to : IFIP/SEC2002	
(Please send the check by registered mail to the Conference Secretary General, and send a separate E-Mail containing the details of your Certified Check including Check Number, Date of Issue , and Issuing Bank, for confirmation)		
<input type="checkbox"/> <b>Wire Transfer</b>	Account Name : IFIP/SEC2002 Account No: 17302	
At : Mohandes Bank (Cairo University Branch)		
Correspondent Bank : Bank of New York, New York, USA		
Account at Correspondent Bank : 803 309 8201 (ABA 021000018)		
(Please send an E-Mail containing the details of your Wire Transfer including Check Number, Date of Issue , and Issuing Bank, for confirmation)		



Sec 2002  
Cairo - Egypt  
May 7 - 9, 2002



مؤتمر تأيين المعلومات  
للتأمة - جمهورية مصر العربية  
٧ - ٩ مايو ٢٠٠٢



# IFIP/SEC2002 Companion Registration Form

## Name

First	Middle	Last
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## Address

Street		
City/Town	State/Province	Country

## Contact Information

Tel :	Fax :	Mobile:
E-Mail :		

## Social Events Fees

- El-Tanoura Troupe : US\$ 20.00       Gala Dinner : US\$ 40.00

Payment Methods (Check ONE) :

- Certified Check** Payable to : IFIP/SEC2002

(Please send the check by registered mail to the Conference Secretary General, and send a separate E-Mail containing the details of your Certified Check including Check Number, Date of Issue , and Issuing Bank, for confirmation)

- Wire Transfer**

Account Name : IFIP/SEC2002      Account No: 17302  
At : Mohandes Bank (Cairo University Branch)  
Correspondent Bank : Bank of New York, New York, USA  
Account at Correspondent Bank : 803 309 8201  
(ABA 021000018)

(Please send an E-Mail containing the details of your Wire Transfer including Check Number, Date of Issue , and Issuing Bank, for confirmation)

