

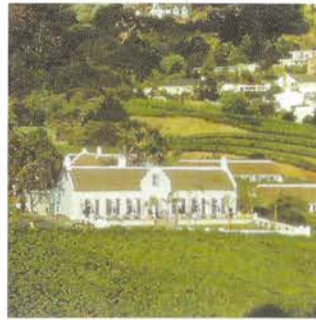
Cape Sun Hotel



Table Mountain Cable Car



Cape Winelands



*Cape Town
awaits you!*

The Waterfront

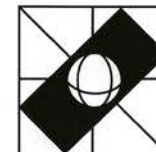


IFIP/SEC '95

The Eleventh International
Information Security Conference

9 - 12 May 1995

Cape Sun Hotel
Cape Town - South Africa



IFIP

Organised by TC 11 of IFIP

INFORMATION SECURITY
THE NEXT DECADE

INDEX

Welcome From:

President Nelson Mandela	3
Professor Asbjorn Rolstadas	4
Professor Basie von Solms	4
Professor Jan Eloff	5
Cape Town - "The Mother City"	6
Programme Summary	7
Workshops	8
Detailed Final Programme	9
Conference Information	18
Hotel Accommodation Information	20
Special Thanks to Our Sponsors	21
Tours	24
Tourist Information	26

Note: Refer to middle of booklet for detachable registration forms.

WELCOME FROM

President Nelson Mandela

The decision of the International Federation for Information Processing to hold its 1995 Information Security Conference in South Africa, during this first year of democratic government in our country, is keenly appreciated by my Government.



The effective use of information is essential to supporting the goals of our Reconstruction and Development Programme, whose primary objective is an improvement in the lives of especially the poor.

In line with world development trends my Government regards information as a highly strategic resource which should contribute directly to socio-economic development.

We therefore have a strong interest in technology which, by facilitating the transfer of information, enhances the capacity of South Africans at every level to have access to reliable information and use it in decision-making and planning.

South Africa must also utilise information technology to improve its competitive edge in the international arena.

We appreciate, too, the specific importance of the subject of your conference, which promotes the safeguarding of information from misuse, theft or damage, and protecting the integrity of information on which decisions are based.

The knowledge represented in your conference is heavily concentrated in the most industrialised countries of the world. Its use is also often limited by it being implemented in ways which require high levels of training for its use.

A giant step forward is therefore needed in a country like ours in the use of information technology, if we are to acquire, adapt, research, develop and implement such technology to ensure that it is purposefully and appropriately linked to reconstruction and development.

I am confident that the holding of your conference in South Africa will assist in these processes in our country and elsewhere in Africa. I wish you a successful and productive conference, and a pleasant stay in our country.

WELCOME FROM

Professor Asbjorn Rolstadas **IFIP International President**

One of IFIP's aims is to promote information science and technology by furthering the dissemination and exchange of information about Information Technology. IFIP's series of international conferences is one avenue to achieve this aim, and TC 11's annual IFIP/SEC Conference is a prime example of this avenue.



On behalf of IFIP, I wish all delegates to IFIP/SEC '95, the 11th International Conference on Information Security, a most enjoyable Conference.

I trust that IFIP/SEC '95 will be very productive and beneficial to all delegates, and will help to provide wider international exposure for IFIP.

Professor Basie von Solms **IFIP/SEC '95 Chairman**

As General Chairman of IFIP/SEC '95, as well as Chairman of TC 11, it is a great pleasure to welcome all delegates and their accompanying partners, to the 11th International Conference on Information Security. I trust that you, as well as your partners, will find the Conference and South Africa in general, a worthwhile experience.



The profile of Information Security has risen considerably over the last few years, and TC 11, through its annual IFIP/SEC conferences, will keep playing an important role in trying to provide solutions to and advice on problems relating to the area of Information Security.

Thank you for attending IFIP/SEC '95, and have an enjoyable visit to South Africa.

WELCOME FROM

Professor Jan Eloff **Programme Committee Chairman**

Welcome to IFIP/SEC '95! The format of IFIP/SEC '95 was designed to cover the complete spectrum of Information Security, and to promote the participant interaction. A total of six internationally acclaimed invited speakers have been selected to lay the foundation for each of the eight different themes chosen for the various sessions. The sessions were designed to promote interaction between the major topics of the Conference: Information Security and Business Applications, Information Security Standards, Cryptography and Key Management Schemes, Information Security and Groupware, Building Secure Applications, Open Distributed Security, Access Control, and Legal, Ethical and Social Issues of Information Security.



A total of 40 from 90 submitted papers were selected. Each paper was reviewed by a minimum of three referees. I hope that you will enjoy the papers presented at IFIP/SEC '95 as much as I enjoyed putting the final programme together. IFIP/SEC '95 promises to be an outstanding event on the Information Security calendar of 1995!

And at its heart is its mountain, the mountain which the early Khoi-San people called "Hoerikwaggo - the mountain of the sea".

"The Fairest Cape that I have seen in the whole circumference of the Earth". These were the words spoken by Sir Francis Drake when he first rounded the Cape of Good Hope in 1577.

From the time of the first discovery of the southern end of Africa, seafarers eagerly looked forward to the sight of Table Mountain. It was comparable to a gigantic sign of an inn promising hospitality and Cape Town became known as "The Tavern of the Seas"

Fresh water from mountain streams could always be obtained along with fresh meat, very acceptable to sailors after long voyages. Ships from many countries sheltered in the bay, repairing, refreshing and revictualling while the crews rested and exercised ashore.

Several nations considered establishing some form of settlement at the foot of Table Mountain. The British made the first attempt in 1615 when they left a party of eight convicts on the shores of the bay. These men later crossed to the small island known as Robben Island, at the entrance of Table Bay. There they remained for some months until a passing ship took them away.

In 1652 the Dutch East India Company established a permanent settlement. They sent three small ships from Holland under the command of Jan van Riebeeck, whose instructions were to build a stronghold on the shores of Table Bay and commence the growing of vegetables, bartering of livestock from the nomadic pastoral tribes, the building of a hospital and a sanctuary for the repair of ships. Van Riebeeck thus laid the foundations of Cape Town - and his first fort, subsequently replaced by the present Castle, was its first building.

So what began as a small vegetable garden manned by a handful of people, is now a thriving modern metropolis - Cape Town, the Mother City of South Africa. At the foot of the continent, Cape Town is the nucleus of a unique touring region, embodying characteristics of the whole country, yet retaining an essential spirit of its own.

Cape Town is like no other city on earth, it touches your eyes and your heart, and when you leave, it lives with you.

Sunday	TC 11 meeting	14:00 - 17:00
Monday	TC 11 meeting	08:30 - 17:00
	Information Security Management Workshop	09:00 - 16:30
	Database Security Workshop	08:30 - 17:00
	Systems Integrity and Control Workshop	08:30 - 17:00
	Information Security Education Workshop	08:30 - 17:00
	Registration for IFIP/SEC '95	07:00 - 17:00
Tuesday	IFIP/SEC '95 Opening	08:30 - 17:00
	Track A : Information Security & Business Applications : Management of Information Security	
	Track B : Information Security Standards Cryptography and Key Management Schemes	
	Civic Reception	17:30 - 19:00
Wednesday		08:00 - 12:30
	Track A : Information Security and Groupware	
	Track B : Building Secure Applications	
	Tour and South African Braai	12:30 - 21:00
Thursday		08:30 - 17:00
	Track A : Open Distributed Security	
	Track B : Management of Information Security : Information Security and Business Applications	
	Conference Dinner	19:30 for 20:00
Friday		08:00 - 12:20
	Track A : Access Control	
	Track B : Legal, Ethical and Social Issues of Information Security	

WORKSHOPS

The following **Working Groups (WG)** will hold workshops, tutorials or seminars on Monday 8 May 1995.

WG 11.1 Information Security Management

Full-day Seminar - 8 May 1995 - 09:00 to 16:30

Topic: Information Security Management - The Next Decade

WG 11.1 Meeting (late afternoon)

Annual WG 11.1 meeting.

WG 11.3 Database Security

Tutorial 1 (morning)

Topic: Discretionary Models for Database Security

by Professor EB Fernandez, Florida Atlantic University

Tutorial 2 (afternoon)

Topic: Multiple Security Policies for Business

by Ms HH Hosmer, Data Security Inc, Bedford

WG 11.5 Systems Integrity and Control

Full-day Workshop

Topic: The extent to which current IT and Accounting Standards Address the Integrity Issue

by Mr W List & WR Melville, City University, London

After the workshop a proposed workplan for W11.5 will be drawn up for 1995/96.

WG 11.8 Information Security Education

Half-day Workshop (morning)

Topic: Information Security Education - The Next Decade.

Current and future needs, problems and prospects.

WG 11.8 Meeting (afternoon)

Annual WG 11.8 meeting.

Evening

Welcoming Cocktail Party at the Cape Sun Hotel - 18:15 - 20:00

FINAL PROGRAMME (Detail)

TUESDAY 9 MAY 1995

07:00 - 08:30 Registration

08:30 - 09:30 Opening : Professor SH von Solms - TC 11 Chairman

09:30 - 09:45 IFIP & IFIP/SEC Professor Kurt Bauknecht (President-elect: IFIP)

09:45 - 10:45 **Keynote Speaker:** William Hugh Murray, Executive Consultant
Information System Security, Deloitte & Touche, USA
"Security Should Pay : It Should Not Cost"

10:45 - 11:15 Tea

	TRACK A: INFORMATION SECURITY & BUSINESS APPLICATIONS (1)	TRACK B: INFORMATION SECURITY STANDARDS
11:15 - 11:45	"Improving the Security of Medical Database Systems" G Pangalos (1), D Gritzalis (3), M Khair (1), L Bozios (2) (1) Aristotelian University (Greece) (2) University Hospital, Thessaloniki (Greece) (3) University of the Aegean (Greece)	"Common Criteria for Information Technology Security Evaluation" P Overbeek, TNO Physics and Electronics Laboratory (Netherlands)
11:45 - 11:50	Change-over time	
11:50 - 12:20	"Security within Financial Information Systems" W de Koning, Paardekooper & Hoffman Management Consultants (Netherlands)	"Information Security Accreditation - the ISO 9000 route" R von Solms, L Meyer, Port Elizabeth Technikon (South Africa)
12:20 - 13:50	Lunch	
13:50 - 14:50	Keynote Speaker: Lance J Hoffman, Professor, Institute for Computer and Telecommunications Systems Policy, George Washington University (USA) "Encryption Policy for the Global Information Infrastructure"	
14:50 - 15:20	Tea	
	TRACK A: MANAGEMENT OF INFORMATION SECURITY(1)	TRACK B: CRYPTOGRAPHY AND KEY MANAGEMENT SCHEMES
15:20 - 15:50	"An object-oriented approach to an IT risk management system" G Wahlgren, Royal Institute of Technology and Stockholm University (Sweden)	"Analysis of DES Double Key Mode" G Carter; A Clark; E Dawson; L Nielsen; Queensland University of Technology (Australia)
15:50 - 15:55	Change-over time	

FINAL PROGRAMME (continued)

TUESDAY 9 MAY 1995 (continued)

	TRACK A: MANAGEMENT OF INFORMATION SECURITY(1)(cont)	TRACK B: CRYPTOGRAPHY AND KEY MANAGEMENT SCHEMES (cont)
15:55 - 16:25	"Systematic Approach to Security Risk Investigation" D Jokanovic, Furukawa Electric Company (Japan)	"Meta-Multisignature schemes based on the discrete logarithm problem" P Horster, M Michels; H Petersen; University of Technology Chemnitz-Zwickau (Germany)
16:25 - 16:30	Change-over time	
16:30 - 17:00	"A Holistic Approach to IT Security" L Yngstrom, Royal Institute of Technology and Stockholm University (Sweden)	"Public-Key Cryptosystems Related to Lucas Functions" W Mueller, University of Klagenfurt (Austria)
17:30 - 19:00	Civic Reception	

FINAL PROGRAMME (continued)

WEDNESDAY 10 MAY 1995

08:00 - 09:00	Keynote Speaker: Donn Parker, SRI International (USA) <i>"A new framework for Information Security to avoid information anarchy"</i>	
09:00 - 09:30	Tea	
	TRACK A: INFORMATION SECURITY AND GROUPWARE	TRACK B: BUILDING SECURE APPLICATIONS
09:30 - 10:00	"A Practical Conference Key Distribution System" V Chrissikopoulos, D Peppes, University of Piraeus (Greece)	"Experience in Application of Composable Security Properties" N Zhang (1), Q Shi (2), (1) Manchester Metropolitan University; (UK) (2) Liverpool John Moores University (UK)
10:00 - 10:05	Change-over time	
10:05 - 10:35	"A LAN Voting Protocol" V Hassler, R Posch, Institute of Applied Information Processing and Communication Technology (Austria)	"Matching Security Policies to Application Needs" C Eckert, Technical University of Munich (Germany)
10:35 - 10:40	Change-over time	
10:40 - 11:10	"Security in Group Applications: Lotus Notes as Case Study" A Hutchison, University of Zurich / IBM Zurich Research Laboratory (Switzerland)	"A methodology for the development of secure application systems" HAS Booysen (1), JHP Eloff (2) (1) Telkom SA (South Africa) (2) Rand Afrikaans University (South Africa)
11:10 - 11:15	Change-over time	
11:15 - 11:45	"Auctioning by Satellite using Trusted Third Party Security Services" P Sanders (1), A Patel (2) (1) University of Plymouth (UK) (2) University College Dublin (Ireland)	"A Context Authentication Service for Role Based Access Controls in Distributed Systems" R Holbein, S Teufel, University of Zurich (Switzerland)
12:30	Depart for tour and South African Braai	

FINAL PROGRAMME (continued)

THURSDAY 11 MAY 1995

08:30 - 09:30	Keynote Speaker: Sead Muftic, Professor, Stockholm University and Royal Institute of Technology (Sweden) "Functional and Operational Security System for Open Distributed Environments"		
09:30 - 10:00	Tea		
	TRACK A: OPEN DISTRIBUTED SECURITY (1)	TRACK B: MANAGEMENT OF INFORMATION SECURITY (2)	Swedish Workshop "Security on the Electronic Highways in Sweden" *
10:00 - 10:30	"Distributed Object System Security" V Varadharajan, Hewlett Packard Labs (UK)	"Handling Imprecise Information in Risk Management" L Ekenberg, M Danielson, Royal Institute of Technology and Stockholm University (Sweden)	Swedish Workshop (I)
10:30 - 10:35	Change-over time		
10:35 - 11:05	"Creating Security Applications Based on the Global Certificate Management System" N Kapidzic, Royal Institute of Technology and Stockholm University (Sweden)	"Achieving an integrated design: the way forward for information security" J Hitchings, ICL Institute of Information Technology (UK)	Swedish Workshop (II)
11:05 - 11:10	Change-over time		
11:10 - 11:40	"Extending Distributed Audit to Heterogeneous Audit Subsystems" Chii-Ren Tsai, Citicorp International Communications Inc (USA)	"A Day in the Life of a Swedish IT Security Officer: A Survey" S Kowalski, Royal Institute of Technology and Stockholm University (Sweden)	Swedish Workshop (III)
11:40 - 11:45	Change-over time		

* Papers not internationally reviewed

- (I) "Security on the Electronic Highways in Sweden - Worthwhile inheritance for the Future" Bruno Lundberg, Swedish Computer Society, Sweden; Evald Persson, IT Security, PostNet AB, Sweden
- (II) "Electronic Highways in Sweden - Experiences from the public sector: safe EDI in the city of Gothenburg" Klas Eriksson, IT Security, Gothenburg City, Sweden
- (III) "Electronic Signatures in Health Care with interoperability. Pilots, Standards and European Harmonisation" Gunnar Klein, Swedish Institute for Health Services Development, Stockholm, Sweden

FINAL PROGRAMME (continued)

THURSDAY 11 MAY 1995 (continued)

	TRACK A: OPEN DISTRIBUTED SECURITY (1) (cont)	TRACK B: MANAGEMENT OF INFORMATION SECURITY (2) (cont)	Swedish Workshop "Security on the Electronic Highways in Sweden" *
11:45 - 12:15	"Data Protection in Communication and Storage" P Kaijser, Siemens Nixdorf Informationssysteme AG (Germany)	"Information Security Management in a Distributed Open Environment" M Calitz (1), SH von Solms (2), R von Solms (1) (1) Port Elizabeth Technikon (South Africa) (2) Rand Afrikaans University (South Africa)	Swedish Workshop (IV)
12:20 - 13:50	Lunch		
13:50 - 14:50	Keynote Speaker: Kurt Bauknecht, Professor Director, Institute for Informatics, University of Zurich (Switzerland) "The Escalating role of Information Security Management"		
14:50 - 15:20	Tea		
	TRACK A: OPEN DISTRIBUTED SECURITY (2)	TRACK B: INFORMATION SECURITY AND BUSINESS APPLICATIONS (2)	Swedish Workshop "Security on the Electronic Highways in Sweden" *
15:20 - 15:50	"Telesec - a Solution to Implementing Digital Signature in EDI/EDIFACT" P Fjelbye, Danish Payment Systems Ltd (Denmark)	"A classification of health information systems security flaws" D Gritzalis (1), I Kantzavelou (1), S Katsikas (1), A Patel (2) (1) University of the Aegen (Greece) (2) University College Dublin (Ireland)	Swedish Workshop (V)
15:50 - 15:55	Change-over time		

* Papers not internationally reviewed

- (IV) "Information Security Standardisation, a Positive Economy Incentive" Per Hoving, Information Security, Saab-Scania AB, Linköping, Sweden
- (V) "Legal conditions for the Electronic Highways in Sweden" Cecilia Magnusson-Sjoberg, Department Legal Informatics, Stockholm University, Stockholm, Sweden

FINAL PROGRAMME (continued)

THURSDAY 11 MAY 1995 (continued)

	TRACK A: OPEN DISTRIBUTED SECURITY (2) (cont)	TRACK B: INFORMATION SECURITY AND BUSINESS APPLICATIONS (2) (cont)	Swedish Workshop "Security on the Electronic Highways in Sweden" *
15:55 - 16:25	"On Paradigms for Security Policies in Multipolicy Environments" W Kuhnhauser, German National Research Centre for Computer Science (Germany)	"Developing Policies, Procedures and Information Security Systems" A Warman, Department of Management Systems, Bournemouth University (UK)	Swedish Workshop (VI)
16:25 - 16:30	Change-over time		
16:30 - 17:00	"Key Management and the Security of Management in Open Systems: the Samson Prototype" G Endersz, R Zamparo, Telia Research AB (Sweden)	"Aligning Information Security Profiles with Organisational Policies" D Pottas (1), SH von Solms (2) (1) Sasol Group Information Division (South Africa) (2) Rand Afrikaans University (South Africa)	Swedish Workshop (VII)
19:30 for 20:00	Conference Dinner (Dress: Suit - not Black Tie)		

* Papers not internationally reviewed

(VI) "Unused tools are useless or Why is the gap between theory and practice in network security so wide?" Viveke Fak, Department Systems Teknik, Linköping University, Sweden

(VII) "An attempt to Quantitative Modelling of Behavioural security" Erland Jonsson, Department Computer Engineering, Chalmers University of Technology, Göteborg, Sweden

FINAL PROGRAMME (continued)

FRIDAY 12 MAY 1995

08:00 - 09:00	Keynote Speaker: Fred B Cohen, President - Management Analytics (USA) "Viruses, Corruption, Denial, Disruption and Information Assurance"	
09:00 - 09:30	Tea	
	TRACK A: ACCESS CONTROL	TRACK B: LEGAL, ETHICAL AND SOCIAL ISSUES OF INFORMATION SECURITY
09:30 - 10:00	"Framework for Access Control Models" B Lau, Delft University of Technology (Netherlands)	"Portrait of the Computer Criminal" J Carrol, Professional Engineer - Professor Emeritus (Canada)
10:00 - 10:05	Change-over time	
10:05 - 10:35	"LTTP Protection - A Pragmatic Approach to Licensing" R Hauser, K Bauknecht, University of Zurich (Switzerland)	"Comprehensive IT Security: A New Approach to Respond to Ethical and Social Issues Surrounding Information Security in the 21st Century" A Hartmann, General Information Security Agency (Germany)
10:35 - 10:40	Change-over time	
10:40 - 11:10	"Detecting Intrusions in Smart Card Applications using Expert Systems and Neural Networks" T Alexandre, P Trane, Recherche et Developpement Dossier Portable (France)	"Ethical Information Security in a Cross-Cultural Environment" K Nance, M Strohmaier, University of Alaska (Alaska)
11:10 - 11:15	Change-over time	
11:15 - 11:45	"Reinforcing password authentication with typing biometrics" W de Ru, JHP Eloff, Rand Afrikaans University (South Africa)	"From Social Requirements to Technical Solutions - Bridging the Gap with User-Oriented Data Security" U Kohl, Albert-Ludwigs-Universität Freiburg (Switzerland)
11:45 - 12:20	Closing Session	
12:20 - 14:00	Lunch	

NOTE:

The organisers reserve the right to alter or cancel the programme without notice.

Members of IFIP/SEC TC 11

Mr David Batchelor
Mr John G Beatson
Mr Vesselin V Bontchev
Prof Dr William J Caelli
Mr Jan Carlsen
Mr Miao Daoqi
Mrs Ruth Drolsum
Dr Gerard Eizenberg
Mr Geoff R Fairall
Pierangela Samarati
Dr Guy Gable
Prof Dr Dimitris Gritzalis
Em Prof Dr Harold J Highland
Mr Per Hoving
Dr Tsuneo Kurokawa
Dr Carl E Landwehr
Mr Beat Lehmann LLM

Mr William List
Mr Jos Matos Pereira
Mr György Papp
Prof Dr Hartmut Pohl
Prof Dr Reinhard Posch
Prof Dr Jean-Jacques Quisquater
Mr Juhani Saari
Mr James C Smith
Prof SH von Solms (Chairman)
Prof Eugene Spafford
Dr K Subramanian
Mr Gerard Tan Wee Seng
Dr Miquel Tuset
Dr Willis H Ware
Mrs Ruth Lawson
Dr Rossouw von Solms

Members of Programme Committee

Prof Basie von Solms - Conference Chairman
Prof Jan Eloff - Programme Committee Chairman
Prof Sead Muftic - Programme Committee Member
Prof Lance Hoffman - Programme Committee Member
Prof Ed Dawson - Programme Committee Member
Dr Martin Olivier - Programme Committee Member

Members of Organising Committee

Dr Rossouw von Solms - Port Elizabeth Technikon
Dr Eugene du Preez - Port Elizabeth Technikon
Strategic Business Services*, Cape Town, South Africa
Mrs Jeanne Meintjes, Deloitte & Touche, Johannesburg

Supported by the Information Security Special Interest Group (ISSIG)
South Africa

*Conference Organising Company: Strategic Business Services (Pty) Ltd
PO Box 1059
Oakdale 7534
South Africa

Review Board

Dr Karin Badenhorst, South Africa
Dr WH Boshoff, South Africa
Mr John Beatson, New Zealand
Mr Johan Botha, South Africa
Dr WJ Caelli, Australia
Prof JM Carrol, Canada
Dr Frederick Cohen, USA
Mr Charles Cresson Wood, USA
Mr Jan Carlson, Denmark
Prof Ed Dawson, Australia
Prof Klaus Dittrich, Switzerland
Mr Miao Daoqi, China
Dr Gerard Eizenberg, France
Mr Geoff Fairall, Zimbabwe
Prof Dirk Fox, Germany
Prof Waltraud Gerhardt, Netherlands
Dr Dimitris Gritzalis, Greece
Prof Patrick Horster, Germany
Mr Per Hoving, Sweden
Mr Martin Kratz, Canada
Mr Karl Krueger, USA
Prof GJ Kuhn, South Africa
Mr Doug Laing, South Africa

Mr William List, UK
Prof Sead Muftic, Sweden
Mr John McLean, USA
Dr Danie Mostert, South Africa
Dr MS Olivier, South Africa
Mr Fabian Ng, Singapore
Mrs Dalenca Pottas, South Africa
Prof F Piper, UK
Prof Hartmut Pohl, Germany
Prof Jean-Marc Piveteau, Switzerland
Prof Jean-Marc Quisquater, Belgium
Dr Stephanie Teufel, Switzerland
Mr Juhani Saari, Finland
Dr K Subramanian, India
Dr Dirk Stelzer, Germany
Dr Miquel Tuset, Spain
Me Linda Taylor, USA
Prof Joos van de Walle, Belgium
Mr Pieter van Zyl, South Africa
Dr Rossouw von Solms, South Africa
Dr Jan Verschuren, Netherlands
Prof Louise Yngstrom, Sweden

CONFERENCE INFORMATION

Location - Cape Sun Hotel, Strand Street, Cape Town

Official Conference Language - English

Registration Fees

All inclusive registration fee - \$850

Includes: Conference attendance (9 - 12 May 1995); conference dinner; civic reception; all lunches, teas/coffees; proceedings with conference package; Wednesday afternoon tour with informal South African braai.

Base line registration fee - \$560

Includes ONLY: Conference attendance (9 - 12 May 1995), all teas/coffees; proceedings and civic reception.

Workshop - \$58

Full day workshop (4 parallel sessions) including lunch, tea/coffee and parking.

Payments

All international delegates to pay in US Dollars or South African Rand at the US Dollar/SA Rand exchange rate at the time of payment. South African delegates **must** pay in Rand at the US Dollar/SA Rand exchange rate at the time of payment.

Credit Cards:

Visa International or Master Card only. Complete the charge authorisation on the registration form and fax to Strategic Business Services. Facsimile +27 21 948 1760

Bank Draft/Bank Certified Cheque/Bank Transfer

To the order of **Strategic Business Services (Pty) Ltd** at **First National Bank, St. Georges Mall, Cape Town**, South Africa, **Branch code: 20-13-09**, **Account number: 7001307347**. Please ask your bank to arrange the transfer at no cost to the beneficiary. **Bank charges, if any, are at the participant's expense.** To guarantee your registration, enclose a copy of your bank transfer, when you post your registration to Strategic Business Services (Pty) Ltd, PO Box 1059, Oakdale 7534, South Africa. Payment should preferably be made in South African Rand.

CONFERENCE INFORMATION (continued)

Registration Procedure

Note: All conference registrations are handled by Strategic Business Services (Pty) Ltd, PO Box 1059 Oakdale 7534, South Africa. Fax: +27 21 948 1760

Advance

Early Bird registration (**before 28 February 1995**) includes an exclusive Early Bird Cape Point Tour on Sunday, 7 May 1995 or Monday, 8 May 1995.

(See enclosed detachable registration form.)

Please fax the completed form, and then mail it, as soon as possible, together with the payment to: **Strategic Business Services (Pty) Ltd, PO Box 1059, Oakdale 7534**, South Africa. Tel: +27 21 948 1767 Fax: +27 21 948 1760.

On-site

Registration and help desk will be available from 7:30 to close of conference each day.

Cancellations

Registrations cancelled in writing prior to **31 March 1995** will be refunded subject to a **20% cancellation fee**. After this date fees are not refundable. A substitute can be nominated in place of the applicant. A tax invoice will be issued with the registration acknowledgement.

Accompanying Persons

Accompanying persons are welcome to join delegates at the social events at an additional cost of: Welcome Cocktails (\$12); Civic Reception (\$8); Tour and South African Braai (\$60); Conference Dinner (\$45). Bookings through Strategic Business Services Tel: +27 21 948 1767 Fax: +27 21 948 1760. **THESE RATES ARE ONLY APPLICABLE TO ACCOMPANYING PERSONS.**

Proceedings

IFIP/SEC '95 proceedings will be distributed on-site to registered delegates. Extra copies of proceedings will be sold at the registration desk.

Dietary Requirements

Please contact Adele Hayward at Strategic Business Services (Pty) Ltd, PO Box 1059, Oakdale 7534, South Africa. Tel: +27 21 948 1767 Fax: +27 21 948 1760 for your specific dietary requirements.

HOTEL ACCOMMODATION INFORMATION

Cape Sun Hotel, Strand Street, Cape Town

Telephone:	+27 21 23 8844		
Telefax:	+27 21 23 8875		
Tariff:	Sharing double room	\$83	R295
	Single	\$124	R440

(Includes 14% VAT and breakfast, but excludes SATOUR \$2 levy).

Holiday Inn Garden Court, Greenmarket Square, 10 Greenmarket Square, Cape Town

Telephone:	+27 21 23 2040		
Telefax:	+27 21 23 3664		
Tariff:	Sharing double room	\$31	R109
	Single	\$56	R199

(Includes 14% VAT, but excludes Breakfast (\$6) and SATOUR \$1 levy).

Holiday Inn Garden Court, St George's Mall, St George's Street, Cape Town

Telephone:	+27 21 419 0808		
Telefax:	+27 21 419 7010		
Tariff:	Sharing double room	\$34	R119
	Single	\$61	R214

(Includes 14% VAT, but excludes Breakfast (\$6) and SATOUR \$1 levy).

NOTE:

The above special rates apply to reservations made through Strategic Business Services and remittance of payment by 17 April 1995. **Reservations which are not paid for by this date will be released. Early reservations are essential as limited accommodation is available during the World Rugby Cup, scheduled for mid-May. (Booking must be made as early as possible to ensure your selected accommodation is available.)**

(Refer to detachable registration form.)

SPECIAL THANKS TO OUR SPONSORS

The Global Market.
It's No Place To Go It Alone.



What you need is an expert guide. Somebody who knows exactly which strings to pull.

Our people are master craftsmen. And with offices in over 100 countries - in the Americas, Europe and the Pacific Rim, our specialists are always at your side. To deliver optimum business strategies and guide you to new opportunities.

We're one of the world's leading accounting, tax and consulting firms. Our professionals understand the global market because our clients have to.

**Deloitte &
Touche**



We Listen. We Deliver.

Deloitte Touche Tohmatsu International

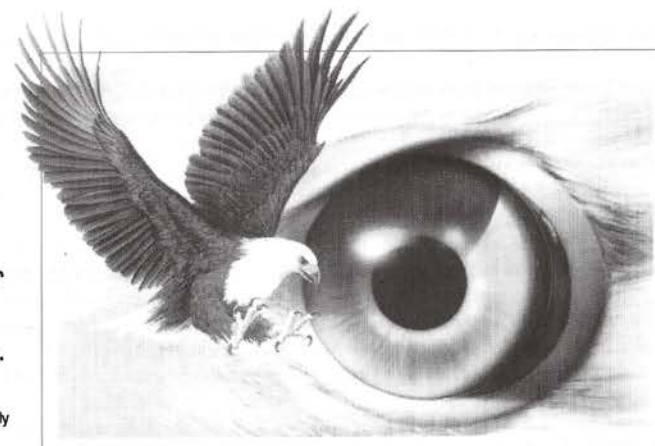
IBM is proud to
be the Official Sponsor
of the International
Information Security
Conference 1995.



Now is the time
to focus on better
results through
Denel Informatics.

In business as in nature, you can only achieve success by focusing on the end result. Once you have targeted your specific goal, Denel Informatics will supply information technology products and services specifically designed to help you seize the opportunities and reap the rewards.

Denel Informatics has a solid track record of more than 17 years, and clearly focused Business Units supported



by the finest Information Technology people in South Africa.

Let Denel Informatics help you achieve increased efficiency, higher productivity and better decision-making through customised Information Technology products and services.



**BETTER RESULTS
THROUGH FOCUSED SOLUTIONS**
For better results
through focused solutions phone
Denel Informatics: +27-12-450 2200

South African Airways is recommended for its hospitality and superior service and flies into Cape Town from over 34 destinations worldwide, either direct or via Johannesburg.

South Africa has direct flights from most European, American, Australian and Asian/Pacific countries and is serviced by most leading airlines, including: British Airways, Lufthansa, Austrian Air, KLM, Swissair, Singapore Airlines, Malaysian Airlines, ELAL, Quantas, Sabena and many more.

TOURS

Note: Please contact African Travel Options regarding all tour enquiries.

African Travel Options is an independent Travel Operator, who have many options for touring South Africa available. Please contact them direct for any tailor-made tours to suite your individual requirements.

African Travel Options Telephone: +27 11 407 3333
P O Box 9395, Johannesburg, 2000, South Africa Facsimile: +27 11 403 3698

Recommended half-day tours for accompanying persons (and delegates)

City & Waterfront Tour

Departs from hotel 08:30. Tour of the Mother City includes:
SA Museum, Malay Quarter, Gem Factory, Waterfront, Seapoint and Signal Hill.

Cost: \$30.00 per person

Winelands - Constantia Valley

Depart from hotels at 12:30. Table d'hôte lunch at Constantia Uitsig restaurant with a pre prandial wine tasting. After lunch through the Constantia Vineyards to Klein Constantia for a cellar tour and wine tasting. Continue to Groot Constantia. Visit the Manor House before returning to the city via Rhodes Drive with a brief visit to Cecil John Rhodes memorial en route. Arrive back at hotels about 17:00.

Cost: \$65.00 per person

Table Mountain

Collection at your hotel from 07:00. One of the world's most beautiful natural wonders. Table Mountain offers spectacular views of Cape Town and the Peninsula. This is a must for any visitor to the Cape.

**Cost: \$15.00 per person
(excluding cable car ticket)**

Recommended full-day tours for accompanying persons (and delegates)

Peninsula and Cape Point

A tour of breathtaking beauty which more than endorses Sir Francis Drake's statement that this is "the fairest cape in the whole circumference of the earth". Spectacular scenery and fascinating history, combined with glimpses of some of the most expensive real estate in the country. The tour includes: Kirstenbosch Botanical Gardens, Groot Constantia, Cape of Good Hope, Chapman's Peak Drive, Hout Bay, Camps Bay and lunch.

Cost: \$70.00 per person

West Coast

A wild and wonderful coastline of quaint fishing villages, delicious seafood, and amazing variety of bird life and warm West Coast hospitality. An experience in any season, but spectacular in spring when the entire region is carpeted in wild flowers. The tour includes the following: Milnerton, Bloubergstrand, Langebaan, Saldanha Bay and lunch.

Cost: \$65.00 per person

Winelands - Stellenbosch and vicinity

The Cape Winelands are world renowned for their beauty and their wines and this tour incorporates the best of both. From wine tasting to a slow drive through the charming towns of the winelands. There is also opportunity to purchase estate wines. The tour includes: Wine Cellar tour, Stellenbosch, Wine Estates - two wine tasting, scenic drive through Helshoogte Pass, visit to Boschendal's manor house as well as lunch en route.

Cost: \$45.00 per person

TOURS (continued)

Pre-conference tours for delegates and accompanying persons

Eastern Transvaal/Kruger Park/Blue Train/Cape Town

Arrive on Sunday, 30 April, staying overnight at the Airport Garden Court, departing to a private game lodge en route to the Kruger National Park. Catch the world famous Blue Train to Cape Town on 8 May, arriving on 9 May to attend IFIP/SEC '95. For full itinerary contact African Travel Options direct.

**Cost: \$1 600 per person sharing
and \$1 850 single**

Rovos Rail/Cape Town/Eastern Transvaal/Kruger Park

Depart Cape Town on board the super luxury Rovos Rail on 13 May, arriving in Johannesburg on 15 May, staying over at the Sandton Holiday Inland depart on 16 May for a three day visit, combining a private game lodge and Kruger National Park. For full itinerary contact African Travel Options direct.

**Cost: \$1 650 per person sharing
and \$1 780 single**

Please complete the enclosed Tour and Travel Registration form and fax it to African Travel Options, fax +27 11 403 3698. Half day and full day tours can be booked on a daily basis at the African Travel Options Travel Desk during the course of the conference.

A few places of interest in Cape Town

Castle of Good Hope	Flea Markets
The Company's Garden	Grand Parade
Cultural History Museum	Houses of Parliament
Tuynhuys	SA National Gallery
Flower-Sellers	Victoria & Alfred Waterfront

Please contact CAPTOUR directly (daily hours: 08:00 - 17:00) for further information.

CAPTOUT

Tourist Rendezvous Travel Centre
3 Adderley Street, Cape Town

Telephone: +27 21 418 5202
Telefax: +27 21 418 5227

AVIS Car Rental

Secure the best offer with Avis, the appointed car rental company, who will provide quality vehicles and flexibility to meet your motoring needs. You can rely on Avis to provide the world famous "We Try Harder" service. Bookings can be made through African Travel Options (Tel: +27 11 407 3333 Fax: +27 11 403 3698)

SAA - Air Travel

South African Airways is the official carrier for this conference, and offers delegates very competitive specially negotiated fares. Flight arrangements may be made through SAA offices and agencies, quoting the conference reference number: **AIR/CSCT.64/SAA/IFIP SEC '95**. SAA is recommended for its hospitality and superior service and flies into Cape Town from over 34 destinations worldwide, either direct or via Johannesburg. Discounted flights will be given to local delegates on selected flights. Contact Denise or Cobie on Tel: +27 11 773 9131 or Fax: +27 11 773 9501.

TOURIST INFORMATION

Climate & Clothing

Mid-winter occurs in June and July, mid-summer in December and January. In general, a perennially sunny climate means that it's a pleasure to visit South Africa at any time of the year. Pack lightweight clothing but include a jacket or jersey for the cooler and occasionally chilly night, as well as an umbrella or raincoat.

Health requirements

Visitors coming from, or passing through a place or port within a yellow fever zone should be able to produce a valid International Certificate of Vaccination. The zone extends over much of tropical Africa and South America. If you intend visiting the Transvaal Lowveld (the region encompasses the Kruger National Park and most of the Private Game Reserves) or Northern Kwa-Zulu Natal, you are urged to begin a course of anti-malaria tablets before starting out. The tablets are available without prescription from South African pharmacies.

Customs

Personal effects (but not unopened packages) are admitted duty free. In addition, you are allowed to bring R500 worth of other goods, together with limited quantities of alcoholic beverages, perfume, cigarettes and tobacco, free of duty. Further items to a value of R10 000 per person may be brought in at a flat-rate of 20% duty plus Value Added Tax (currently 14%).

Currency

The South African monetary unit is the Rand (symbol: R), divided into 100 cents (symbol: c). Coins are issued in denominations of 1c, 2c, 5c, 10c, 20c, 50c, R1, R2 and R5, notes are denominations of R10, R20, R50, R100, R200. The banking system is similar to and as sophisticated as those of the Western industrial countries. Normal banking hours in major centres are from 09:00 to 15:30 on weekdays and from 08:30 to 11:00 on Saturdays. All major credit cards are accepted at hotels, shops and restaurants.

Tips

Generally speaking, gratuities to waiters and taxi drivers should amount to around 10% of the cost of the service. Porterage is usually R2 per bag, golf caddies usually R25 a round, game ranger R50 a day and R25 a day for his tracker.

Electricity

Generally, urban power systems are 220/230 volts at 50 cycles a second. Plugs are 5-amp, two-pin or 15-amp, three-pin (round point). Not all electric shavers will fit hotel and game park plug points, but visitors can purchase adapters in the country.

Water

Tap water is purified and is 100% safe to drink. Should you not feel comfortable with drinking tap water, various bottled waters (gassed or ungassed) are freely available.

Language

South Africa's ethnic diversity is reflected in the number of languages and dialects spoken by its people. However, English is spoken almost everywhere.

TOURIST INFORMATION (continued)

Shopping

Vibrant shopping complexes and flea markets are within easy walking distance of central city hotels, offering a variety of wares. Contact Captour for further information. Normal shopping hours are 08:30 to 17:00 on weekdays with most major centres open on Saturday for the same hours and Sunday from 08:30 to 13:00.

Security

South Africa is undergoing rapid change. The transition to a fully democratic order has in many ways proven traumatic. There is a great deal of poverty, and the crime rate in some areas is high. Take the same precautions that you would in any big city anywhere in the world.

Telephones

The South African telephone system is almost fully automatic; one can dial direct to most centres in South Africa and to most parts of the world. Both local and long-distance calls are metered.

Time

Throughout the year, South African Standard Time is two hours ahead of Greenwich mean time.

Photography

Most international film brands and sizes are readily available from shops. Processing is quick with same day or one hour service. For game viewing telephoto lenses are recommended as are good binoculars.

Taxi

The cheapest taxi rates in Cape Town is \pm R3,20 per kilometre, with the meter starting at R2,00. From DF Malan Airport to the city centre it is almost R80,00 (\$23) per transfer with a maximum of four passengers in the car. Contact: Magicab Radio Taxi: 021 461 3339.

Transfers

There is a company that does transfers which is based at the airport and their car/bus departs after each flight arriving at DF Malan. They can do transfers either in sedan vehicles or in busses. Contact: Airport Shuttle Service: 021 794 2772. Their rate is R60 (\$17) per person per transfer.

Visas

Please check with your local travel agency or the South African Embassy or Consulate in your home country if you need a visa.