IFIP/SEC '97

13TH International Information Security Conference

IFIP/SEC '97

IT Security in Research and Business - Maturing Towards the Future

Copenhagen, Denmark
14-16 May, 1997
13 May, Working Groups
Invitation and Preliminary Programme

Organised by:
Danish Data Association
Co-organised by:
Technical Committee 11 of IFIP

http://www.datasik.dk/SEC97/index.html

13TH International Security Conference

IFIP/SEC '97

Welcome to IFIP/SEC '97

Welcome to the IFIP/TC11, 13th International Information Security Conference, IT Security in Research and Business - Maturing Towards the Future, and to Royal and Wonderful Copenhagen. Denmark is one of the oldest monarchies in the world but also a modern bustling society where IT is reflected in many aspects of life - business and pleasure, trade & industry, government, healthcare and medicine, education and research - the list of where IT has an important impact on the mere being and living of humans is infinite and all based on the fundamental assumption that IT Security has gained a foothold in the present and is secured a strong one in the future. This is the theme our conference addresses: knowledgeable and maturing use, applications, developments and research of IT Security in order to provide individuals, companies and societies with a reliable and secure, but changing world.

Allan Fischer-Madsen
President of Danish Data Association

Jan Carlsen
SEC'97 Organising Chair

Official Conference language at the conference - English

Invited Keynote speakers:

Professor Mr. Mads Bryde Andersen, Faculty of Law, University of Copenhagen, Denmark.
Professor Mr. Klaus Brunnstein, University of Hamburg, Germany.
Senior Vice President Mr. Håkan Jansson, Ericsson, Sweden.
Mrs. Ruth Nelson, President of Information Systems Security, USA
Managing Director Mr. Alan Stanley, European Security Forum, United Kingdom.
Dr. Willies H. Ware, Rand Corporation, USA.

ORGANISATION

Conference General Chair:

Jan Carlsen, Coopers & Lybrand, Denmark

Programme Committee:

Louise Yngström, Stockholm University, Sweden (chair)
Mads Bryde Andersen, University of Copenhagen, Denmark
William J. Caelli, Queensland University of Technology, Australia
Hilary H. Hosmer, Data Security Inc., USA
Sokratis Katsikas, University of the Aegean, Greece
Svein Knapskog, University of Trondheim, Norway
Kaisa Nyberg, Finnish Defense Forces, Finland
György Papp, Prime Ministers Office, Hungary
Reinhard Posch, Graz University of Technology, Austria
Sebastian von Solms, Rand Afrikaans University, South Africa
Gerard Tan Wee Seng, Coopers & Lybrand, Singapore

Organising Committee:

Jan Carlsen, Cooper & Lybrand (chair)
Tony Franke, Danish Data Association
Stig Folkmar Andersen, Kommunedata
Knud E. Kristiansen, SDC
Aage Melbye, Danish Data Assosiation

Workshops

The following Working Groups (WG) will hold workshops on May 13th 1997.

WG11.1 **Information Security Management: The Future**
A half day workshop
Price: DKK 400,-
For further information:
E-mail:rossouw@ml.petech.ac.az
http://www.petech.ac.za/IFIP

WG11.2 **Small System Security: Components of a Secure Infrastructure.**
A half day workshop
Price: DKK 400,-
For further information:
E-mail: eloff@rkw.rau.ac.za
http://genie.pertech.ac.za/IFIP

WG 11.8 **Information Security Education: Current and Future Needs.**
A half day workshop
Price: DKK 400,-
For further information:
E-mail: louise@dsv.su.se

Wednesday 14 May

09:00 **Welcome and opening address**
by Organising and Programme committee, TC II

09:40 **Official Opening**

10:10 **Invited Speaker**
Managing director Alan Stanley, European Security Forum, United Kingdom.
»Information Security - Challenges For the Next Millenium.«

10:50 Coffee

11:20 **Parallel Sessions**
A: **Secure Commercial Applications**
- Business Paper.
- Business Paper.

B: **Security Models**
- Selection of Secure Single Sign-on Solutions for Heterogeneous Computing Environments.
- A Harmonized Development Model for Information Security.

C: **Secure Data Bases**
- A Compile-time Model for Safe Information Flow in Objekt-Oriented Databases.
- Deriving Authorizations from Process Analysis in Legacy Information Systems.

12:20 Lunch

13:20 **Invited Speaker**
Professor Mads Bryde Andersen, Faculty of Law, University of Copenhagen.
»The Role of Government in Creating the IT Security Infrastructure: Builder or Bystander?«

14:00 **Parallel Sessions**
A: Information Security Standards
- Code of Practice: A standard for Information Security Management.

B: **Secure API's**
- gGSS-API: A Group Enhanced Generic Security Service.

C: **Risk Management**
- Can Security Baselines Replace Risk Analysis?

14:30 Coffee

15:00 **Panel Discussion**
Standardisation in IT security.
Representatives: ECMA, CEN, ISO, ETSI, ITU, IEEE, DG3

18:30 **Evening Reception at the Copenhagen City Hall**

Thursday 15 May

9:00 **Invited Speaker**
Senior Vice President Håkan Jansson, Sweden.
»A United Approach to the IT Society. On Electronic Identity Cards and Infrastructures.«

9:40 **Parallel Sessions**
A: **Intrusion Detection**
- An Attac Detection System for Secure Computer Systems - Outline for the Solution.

B: **Legal Issues**
- Eletronic Document Exchange in Sweden - the Legal Aspects.

C: **IT Security Education**
- A Taxonomy and Overview of Information Security Experiments.

10:20 Coffee

10:40 **Parallel Sessions**
A: **Privacy**
- Pseudonymous Audit for Privacy Enhanced Intrusion Detection.
- Individual Management of Personal Reachability in Mobile Communication.

B: **Evaluation & Accreditation**
- A Common Criteria Framework for the Evaluation of Information Technology Systems Security.
- A Methodology for Accrediting a Commercial Distributed Database.

C: **Trusted Systems**
- A Reference Framework for Certification Authorities/Trusted Third Parties.
- How to Trust Systems.

11:45 Lunch

12:45 **Invited Speaker**
Dr. Willies H. Ware, Rand Corp., USA.
»Retrospectives and Emerging Insights on IT-security.«

13:30 **Parallel Sessions**
A: **Developing Secure Applications**
- Integrating Information Security in the Development of Telematics Systems.
- Developing Secure Applications. A Systematic Approach.

B: **Secure Business Applications**
- Controling Internet Access at PE Technikon SA.
- Analysis of Java Security and and Hostile Applets.

C: **Security Management**
- New Organizational Forms for Information Security Management.
- Security when Outsourcing: Concepts, Constructs, Compliance.

14:35 Coffee

15:00 **Panel Discussion**
Advances in Cryptopolicy.
Moderator: Sebastian von Solms, TC11
Panel: Invited Key Representatives from the Major Stakeholders

19:00 **Evening Gala Dinner at Restaurant »Påfuglen« in the Tivoli Gardens.**
- Kristian Bechman Award.
- Best Student Paper Award.

Friday 16 May

9:00 **Invited Speaker**
Professor Klaus Brunnstein, University of Hamburg, Germany.
»Towards an Holistic View of Enterprises ICT Security and Safety.«

9:40 **Plenum**
A Taxonomy of Eletronic Cash Schemes.

10:30 Coffee

11:00 **Parallel Sessions**
A: **Secure Health Care Systems**
- Security Requirements and Solutions in Distributed Eletronic Health Records.
- ODESSA - A New Approach to Health Care Risk Analysis.
- A Comprehensive Need-to-Know Access Control System and its Application for Medical Information Systems.

B: **Secure Communications and Networks**
- Securing Communications Over ATM Networks.
- Non-Intrusive Authentication.
- Roaming Security Agents Enabling Intelligent Acces Control and Network Protection.

C: **Secure Commercial Applications**
- A Protocol for Large Scale Elections by Coordinating Multiple Electoral Colleges.
- Business Paper.
- MVS-SAT: A Security Administration Tool to Support SMF Protocol Data Evaluation.

12:30 **Invited speaker**
Ruth Nelson, President of Informations Systems Security, USA.
»The Future of Networks and Network Security.«

13:15 **Closing Session**
- Goodbye From the Organising Chair
- Welcome to SEC '98 Vienna/Budapest.
- Goodbye from TC11 Chair

14:00 Lunch

For detailed information please see the conference WEB-site:
http://www.datasik.dk/SEC97/index.htlm or contact Danish Data Assosiation
Phone: +45 3311 1560 Fax: +45 3393 1580 E-mail: ddf@sek.ddf.dk

CONGRESS REGISTRATION FORM & INVOICE

Please use BLOCK CAPITALS when completing this form!

Mr/Mrs/Ms Last name: First name(s):

Mailing address (if c/o organization, please state):

Postal code: City:

Country:

Telephone: Telefax:

Accompanying person(s)

Mr/Mrs/Ms Last name: First name(s):

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REGISTRATION FEES:

(All in Danish Kroner (DKK) and per person)

	No. of	DKK	DKK
Active Participant		5.900	
Participation in Working Groups			
WG 11.1 Information Security Management		400	
WG 11.2 Small System Security		400	
WG 11.8 Information Security Education		400	
Accompanying Persons		1.000	
Lunch Coupons		600	
Gala Dinner		400	
ACCOMMODATION (Important: This ensures your reservation)			
Deposit per room		1.200	
TOTAL DKK			

Please take a copy of this document for your own record

GENERAL INFORMATION

Conference Secretariat

Before and after the Conference:
International Conference Services A/S (ICS), P.O. Box 41, Strandvejen 171, DK-2900 Hellerup - Denmark, Phone: +45 3946 0500, Fax: +45 3946 0515
E-mail: congress@ics.dk

During the Conference:
International Conference Services A/S (ICS), c/o Scandic Copenhagen, Vester Søgade 6, DK-1601 København V - Denmark, Phone: +45 3314 3535 - Fax: +45 3332 1223

Conference Venue

The Conference will take place at the Hotel Scandic Copenhagen (previously known as the Sheraton Hotel) which is located in the centre of Copenhagen, Denmark.

Registration Fees: in Danish Kroner (DKK)

	Fee in DKK
Active Participants	5.900
Accompanying Persons	1.000

Entitlements

The Registration Package includes:
- Conference procedings
- Registration for the professional programme
- Programme
- Coffee
- City Hall Reception
- Free Admission to Tivoli (14-15 May)

The Accompanying Person's Package includes:
- City Hall Reception
- Sight Seeing of North Zealand (Thuesday)
- Free Admission to Tivoli

Lunch Coupons

At the Scandic Hotel lunch will be served as a buffet lunch, which will also accommodate vegetarians. Lunch coupons are sold prior to the conference by indication on the Registration Form.
Price: DKK 600
Gala Dinner. Price: DKK 400

Cancellation

Notification of cancellation must be made in writing and sent to ICS - International Conference Services A/S. Please note that an administration fee will be charged depending on the date the cancellation is received by ICS.

Date	Before 1May	After 1 May
Fee	DKK 500	No refunds should be expected

No refund will be given in case of no-show, late arrival, unused services, unattended events or early termination of attendance. **All refunds will only be effected after the Conference.**

PRACTICAL INFORMATION

Official Carrier

Scandinavian Airlines Systems SAS has been appointed Official Carrier for this international event and is offering all Delegates and Accompanying Persons a special rebate on tickets to Denmark. Kindly contact your nearest SAS Office and quote the reference number **DK9728.**

Liability and Insurance

Neither the organizers nor International Conference Services A/S will take on any responsibility whatsoever for injury or damage involving persons or property during the Conference. Participants are advised to take out their own personal insurance.

Payment Please see Congress Registration

Please make sure that your name, address and "IFIP/SEC '97" are clearly stated on all payments and transfer documents.

(For more practical information please see back page).

HOTEL RESERVATION

Category	Single room DKK per night	Double room DKK per night
I	1.000	1.200
II	800	1.000
III	725	885
IV	>375	>575

Prices are per room, per night and include: Buffet breakfast, 15% service charge and 25% VAT. Extra gratuities are not necessary.

Arrival date: _____ Departure date: _____ No of nights: _____

No of rooms: _____ Single: _____ Double or twin: _____

Category: _____

Rooms will be allocated on a first come first served basis. Please notice that hotel accommodation cannot be guaranteed after 15 March, 1997. Please note: Hotel accommodation will not be held unless a DKK 1.200 deposit per room is enclosed with the registration form. No registration or room reservation will be confirmed until International Conference Services A/S has received your payment.

PAYMENT

All payment must be in Danish Kroner (DKK) only, made payable to International Conference Services A/S. Please remember to state your name, address and "IFIP/SEC '97" on all payments.

❑ The above total amount is enclosed by banker's draft or cheque drawn on a Danish bank.

❑ The above total amount has been transferred to A/C N 3001 357484 Den Danske Bank, Holmens Kanal 2, DK- 1090 Copenhagen K, Denmark, SWIFT Address: DA BA DK KK (Not Danish participants).

❑ American Express ❑ Diners ❑ Eurocard/Master Card/ VISA

Card No:_____ Expiry date:_____

Name of cardholder: _____ Signature: _____

Please return this form together with your payment to:

International Conference Services A/S
P.O.Box 41, Strandvejen 171
DK-2900 Hellerup, Denmark, Fax: 45 3946 0515

Please take a copy of this document for your own record

Date: _____ Signature: _____

You have every reason to fly Scandinavian

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Practical information continued:

Weather and Dress
In May the weather in Copenhagen is usually pleasant and mild during daytime and chilly in the evening. A light coat or a raincoat is therefore recommended.

Transportation
SAS busses have regular transport services from the airport to the Central Railway Station.

Passport and Visa Requirements
Denmark is member of the European Union. If you are in doubt about visa requirements, pleace contact the nearest Danish consulate or embassy in due time.

Accommodation
Early reservations are recommended. Hotel rooms may be reserved through ICS for the official Conference period in the price categories indicated. A room reservation cannot be guaranteed after 15 March.

A deposit serves as a guarantee in case of no show and late cancellations if the hotel or ICS are not able to rent the room to a third party. If you have paid the deposit to ICS you will receive a Hotel Voucher which should be presented to the hotel when checking in. The deposit will only be deducted from the final hotel bill if the voucher is presented to the hotel when checking out. You are kindly asked to check in advance that the reservation details on the voucher meet your wishes. Please check the arrival and departure dates.

Possible changes must be addressed to ICS and not to the hotel. Such changes must be made by letter or by telefax. When changes have been accepted, a new voucher will be issued. Please make sure to present the new voucher at the hotel.

SOCIAL PROGRAMME

Wednesday 14 May

Reception at the Copenhagen City Hall
The Reception is hosted by Lord Mayor of Copenhagen
18.30 - 21.00 hrs
By invitation only

Thursday 15 May

Gala Dinner in the Tivoli Gardens
The gala dinner will take place at the Restaurant Påfuglen in the world famous Tivoli Gardens, to which all participants will have free admission (The congress badge gives you admission).
19.00 hrs
Price: DKK 400

TOUR PROGRAMME

Thursday 15 May

Sight-Seeing tour of North Zealand
9.00-16.00 hrs
Included in the accompanying persons registration fee.
Price for active participants: DKK 700
Additional tickets may be purchased at the Registration Desk

This guided tour will highlight the area north of Copenhagen with its many historic royal castles and palaces. The excursion will include a morning visit to the home of Karen Blixen with its beautiful flower arrangements. Lunch will be served during the visit to Louisiana Museum of Modern Art. We will continue through the wooded landscape to Fredensborg Castle, the summer residence of the royal family.

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