Factsheet 2020

WG 11.8

Information Security Education

Introduction
(Strategic issues / questions: Introduction and mission statement)

Working group 11.8 was established in 1991.

Aims / goals (last revised / reconfirmed 08-2018)
(Strategic issues / questions: What does the TC address, what does it want to achieve)

To promote information security education and training at the university level and in government and industry.

Scope (last revised / reconfirmed 08-2018)
(Strategic issues / questions: What are the groups of people the working group focuses on (see list of option in annex c), what are the boundaries of the work area)

The scope of the working group shall be to:

- establish an international resource center for the exchange of information about education and training in information security.
- develop model courses in information security at the university level.
- encourage colleges and universities to include a suitable model course in information security at the graduate and/or undergraduate level in the disciplines of computer science, information systems and public service.
- develop information security modules that can be integrated into a business educational training programme and/or introductory computer courses at the college or university level.
- promote an appropriate module about information security to colleges and universities, industry and government.
- collect, exchange and disseminate information relating to information security courses conducted by private organizations for industry.
• collect and periodically disseminate an annotated bibliography of information security books, feature articles, reports, and other educational media.

The target groups WG 11.8 mainly focuses on are:

Individuals
• Members of IFIP member societies
• Members of non-member societies
• Academic education
• Researchers (in academia)
• Practitioners

Organizations
• IFIP member societies
• Non-member societies
• Government bodies (specification desirable)
• Universities / “technikons” / training institutes
• Commercial companies

Products / activities (last revised / reconfirmed 08-2018)
(Strategic issues / questions: What are the products and activities the working group will deliver (see list of options in annex d))

IFIP conferences:
• Annual working conferences - WISE (World Conference on Information Security Education) (includes proceedings, printed and / or electronically) [At the 2017 WG11.8 AGM it was requested that the bi-annual conference run annually instead of bi-annually as previously done]
• Workshops (includes proceedings, printed and / or electronically) on the basis of the SEC conferences.
• Summer and Winter Schools “European Intensive Programme on Information and Communication Systems Security” (IPICS) (includes lectures, printed and / or electronically)

Membership rules (last revised / reconfirmed 08-2018)
(Strategic issues / questions: Membership rules)

Members of the Working Group are expected to be either qualified researchers or practitioners (professors, instructors, assistants and so on) in information security education. Members are nominated by the Chair and subject to IFIP approval.

Members are expected to participate actively in Working Group activities. At a minimum, active participation means presenting a paper or taking an active role in the organization of a meeting at least once every three years (i.e., a three-year period of inactivity is taken to indicate that the member is no longer actively interested in this technical area and can be cause for dropping the member from the roster).
### Annex a. Membership

**Officers, current**

- **Chair:** Lynn Futcher, South Africa  
  2nd 3-year term, November 2017 – October 2020
- **Vice-chairs:**
  - Natalia Miloslavskaya, Russia  
    2nd 3-year term, November 2014 – October 2020
  - Erik L. Moore, USA  
    2nd 3-year term, November 2014 – October 2020
- **Secretary:** Matthew Bishop, USA  
  2nd 3-year term, November 2014 – October 2020

**Officers, history**

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<th>Name</th>
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**Membership list (active at present based on participation in last 3 WISE conferences)**

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**TOTAL** 113
• **WG & WISE Founders (history)**

1. Peter Fillery, Australia (suggested the acronym WISE after the 1996 workshop)
2. Guy Gable, Singapore University
3. Stewart Lee, Canada
4. Lech Janczewski, NZ
5. Avraham Hayma, Israel
6. Eduardo Perez, Sweden
7. Graeme Slatterly, Australia
8. Stewart Kowalski, Sweden
9. Alison Anderson, Australia
10. Reinhart Posch, Austria

• **WG11.8 events participants**

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<tr>
<th>Country</th>
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<td>Australia</td>
<td>Armstrong Colin</td>
<td>1, 2, 3, 5, c, d, 6, 7</td>
<td>1 - <strong>WISE1</strong>, 17-19 June 1999, Kista, Sweden.</td>
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<td></td>
<td>Armstrong Helen</td>
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<td>2 - <strong>WISE2</strong>, 12-14 July 2001, Perth, Australia</td>
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### Annex b. Workplan

- **Past events / products / achievements**
  - Workshop at the IFIP/Sec 1997 in Copenhagen, Denmark, “Information Security Education – Current and Future Needs, Problems and Prospects, III”
- **Summer IPICS2002** on Samos Island (Greece), July 2002
- **Summer IPICS2005** on Chios Island (Greece), July 2005
- **IFIP TC-11 WG 11.1 & WG 11.8 Joint Workshop on Security Culture as part of Sec2006**, Karlstad (Sweden), 22-24 May, 2006
- **Summer IPICS2006 in Leuven (Belgium)**, July 2006
- **IFIP TC-11 WG 11.1 & WG 11.8 Joint Workshop on Security Culture as part of IFIP SEC 2007**, 13-16 May, 2007 Johannesburg, SA
- **Summer IPICS2008** in Vienna (Austria), August 2008
- **IFIP TC-11 WG 11.1 & WG 11.8 Joint Workshop as part of Sec2009**, Pafos (Cyprus), May 18-20, 2009
- **IFIP TC-11: Joint Workshop, 17-18 May 2010, WG 11.1 & WG 11.8 with Human Aspects of Information Security and Assurance (HAISA) and Workshop on Digital Forensics and Incident Analysis (WDFIA)**, Port Elizabeth, South Africa. Proceeding edited by Nathan Clarke and Steven Furnell
- **Summer IPICS2010 on Samos Island (Greece)**, July 2010
- **IFIP TC-11 WG 11.8 “Yves Deswarte Best Student Paper”, for SEC2010**, Brisbane (Australia), September 20-24, 2010
- **IFIP TC-11 WG 11.8 “Yves Deswarte Best Student Paper”, for SEC2011**, 7-9 June 2011, Lucerne, Switzerland
- **IFIP TC-11 WG 11.8 “Yves Deswarte Best Student Paper”, for SEC2012**, 4-6 June 2012, Heraklion, Crete, Greece
o **WISE8**, 8-10 July 2013, Auckland, New Zealand. International participants. Part of the 28th International Information Security Conferences IFIP SEC2013. Proceeding edited by Lynn Futcher and Ron Dodge
o IFIP TC-11 WG 11.8 “Yves Deswarte Best Student Paper”, for SEC2013. 8-10 July 2013, Auckland, New Zealand
o IFIP TC-11 WG 11.8 “Yves Deswarte Best Student Paper”, for SEC2014. 2-4 June 2014, Marrakech, Morocco
  o Summer school IPICS2015 in Lesvos (Greece), July 2015.
  o Colloquium for Information Systems Security Education (CISSE) in June 2016 in Philadelphia, USA
  o Summer school IPICS2016 in Leuven (Belgium), July 2016
  o Summer school IPICS2017 in Greece (Lesvos Island), July 2017
  o **WISE11**, 18-20 September 2018. 11th IFIP WG11.8 World Conference. Co-located with WCC2018 and IFIP SEC2018, Poznan, Poland
  o IFIP TC-11 WG 11.8 “Yves Deswarte Best student Paper”, for SEC2018. 18-20 September. Poznan, Poland
  o **WISE12**, 25-27 June 2019. 12th IFIP WG11.8 World Conference. Co-located with IFIP SEC2019, Lisbon, Portugal

- **Planned events / activities**
  - The 13th World Conference on Information Security Education (WISE13) will be held from 21st to 23rd September, 2020 in conjunction with the 35th IFIP TC-11 SEC2020 International Information Security and Privacy Conference. It was initially planned to be held in May 2020 in Maribor, Slovenia but, due to COVID-19 restrictions, it was rescheduled to be held online.
  - IFIP TC-11 WG 11.8 SEC2020 Yves Deswarte Best Student Paper Award. 21st to 23rd September, 2020

**Annex C  List of possible target groups**

Following is a list of target groups. Selecting the target group(s) should be done by each special interest group, working group, specialist group and technical committee. Each group may wish to focus on a particular (set of) target group(s). The advantage of a focussed approach is better opportunities for marketing, more possibilities for brand loyalty. Selection of target group(s) to a certain extent is linked with the selection of the possible product(s) a group wants to offer. See annex D.
A. **Target groups**

A.1. **Individuals**
- A.1.1. Members of IFIP member societies
- A.1.2. Members of non-member societies
- A.1.3. Academic education
- A.1.4. Non-academic education
- A.1.5. Teachers (differentiation into level of schools?)
- A.1.6. Trainers
- A.1.7. Researchers (in academia)
- A.1.8. Researchers (in commercial laboratories)
- A.1.9. Practitioners
- A.1.10. Auditors
- A.1.11. Management (IT management, business management)

A.2. **Organizations**
- A.2.1. IFIP member societies
- A.2.2. Non-member societies
- A.2.3. Government bodies (specification desirable)
- A.2.4. Universities / “technikons” / training institutes
- A.2.5. NGO’s (UN, etc.)
- A.2.6. Commercial companies
- A.2.7. Non-IT societies (e.g. professional bodies of auditors)

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**Annex D. List of possible products**

Following is a list of possible products. Selecting the product(s) that will be offered should be done by each special interest group, working group, specialist group and technical committee. Each group may wish to focus on a particular (set of) product(s). The advantage of a focussed approach is better opportunities for marketing, more possibilities for brand loyalty. Selection of target group(s) to a certain extent is linked with the selection of the possible product(s) a group wants to offer. See annex C.

Groups are invited to “think out of the box” and look beyond the history. Investigate new challenges and don’t think, at first, about the possible problems.

B. **Products**

B.1. **IFIP conferences (in all variations, including joint events)**
- B.1.1. WCC (includes proceedings, printed and / or electronically)
- B.1.2. WITFOR (includes proceedings, printed and / or electronically)
- B.1.3. WCCE (includes proceedings, printed and / or electronically)
- B.1.4. Open conferences (includes proceedings, printed and / or electronically)
- B.1.5. Working conferences (includes proceedings, printed and / or electronically)
- B.1.6. Workshops (includes proceedings, printed and / or electronically)
- B.1.7. Tutorials (includes proceedings, printed and / or electronically)
- B.1.8. Schools (includes proceedings, printed and / or electronically)
B.2. Joint conferences with other organizations

B.2.1. Similar societies
B.2.2. Commercial organizations
B.2.3. Government

B.3. Projects

B.3.1. WITFOR projects (results from projects can be manifold)
B.3.2. NGO projects (results from projects can be manifold)
B.3.3. Government (like EU) projects (results from projects can be manifold)

B.4. Syllabi for IT careers
B.5. White papers on new developments / policy statements
B.6. Annual evaluations of the state of the IT technology
B.7. IFIP Academy
B.8. Guidelines / best practices / codes (e.g. of ethics)