Part 1: General Assembly

a. Meetings held and scheduled
The next TC9 meeting is scheduled for 23-24 September in Maribor, Slovenia

b. Changes in membership and officers

New national representatives for:
Australia, Prof Oliver Burmeister
the Netherlands, Prof.dr. Peter van den Bessalaar
Portugal, Prof António Brandão Moniz

Changes of WG officers:
WG 9.1 chairperson: Prof Alison Adam, Salford University, UK
WG9.4 secretary: Ms Savita Beilur, LSE, UK

WG 9.5 chairperson: Dr Niki Panteli, University of Bath, UK, vice chair: Dr. Martin Warnke, Universität Lüneburg, Germany, secretaty: Dr Mike Chiasson, Lancaster university, UK.

WG 9.8 chairperson: Prof Roberta Lamb, University of Hawaii, USA
WG9.9 vice chair: Mr Peter Arnfalk, secretary: Mr Peter Fleissner
WG9.4 secretary: Ms Savita Beilur, LSE, UK

c. Activities

Preparation for the IFIP-TC9 HCC7, Maribor, Slovenia-Italy, 21-22 September 2006 is progressing well, Jacques Berleur and Markku Nurminen are Programme Committee co-chairs and Franci Pivec organizing chair.
Working Group activities

WG 9.1 on Computers and work
The group was unable to recommend a new chair after the term of the previous chairman, Peter Mambrey expired and has been inactive for more than a year. A new chairperson, Prof Roberta Lamb University of Hawaii, USA has now been appointed. She is preparing plans to re-activate the group and expand its scope and membership.

WG9.2 Social Accountability

Changes of membership and officers
Membership: 1 new member (Bern Martens, Teacher Training Department, Catholic University College Leuven, Belgium)
No changes of officers for WG9.2.
SIG9.2.1: Following a suggestion by the Chair of SIG9.2.1 – Dr. Geoff Busby - it was decided at the January 2006 meeting in Namur that the Special Interest Group on Disability should be integrated within the Working Group 9.2. This suggestion was welcomed by the WG.

Events and activities, held and scheduled

Events held:
Presentation of the Eighth IFIP-WG9.2 Namur Award (January 2006) to Mr Nigel Williams, Founder of Childnet International and Northern Ireland Commissioner for children and young people.

22nd/23rd May, Namur Belgium “Information Society: Governance, Ethics and Social Consequences” a two day conference jointly organised in honour of Jacques Berleur by University of Namur and IFIP WG9.2. (Report has been sent to IFIP News).

Events scheduled:
Third International Summer School jointly organised by IFIPWG9.2, 9.6/11.7 in cooperation with FIDIS Network of Excellence “The Future of Identity in the Information Society” to be held at Karlstad University, Sweden, 6th-10th August 2007.

Activities scheduled:
WG9.2 will be strongly represented at the IFIP HCC7 conference, Maribor, Slovenia – including: a student forum on “Fair Globalisation and ICT”; a panel session on “ICT in Medicine and Health care: Assessing Social, Ethical and Legal Issues”
Business meetings, held and scheduled

Meetings held:

January 2006, Namur, Belgium Present: 16 members, 4 guests, 13 apologies.

May 2006, Namur Belgium. Present: 12 members, 2 guests, 1 new member accepted, 18 apologies.

Meetings scheduled:

Informal meeting to be held during HCC7 conference in Maribor, Slovenia.


Publications

Publication resulting from conference in Turku, Finland, June 2005.


SIG9.2.2 IFIP Framework on Ethics of Computing

Changes of membership and officers

• Dick SIZER (UK) has resigned since he is not anymore the Chair of the BCS Ethics Expert Panel. SIG9.2.2 asks the Chair to express to BCS and Dick his sincere thanks for his continuing enthusiasm all along the so many years he has been working and promoting ethics of computing within IFIP. Dick has been a member of the IFIP Ethics Task Force (1992-1996) and of the IFIP-SIG9.2.2 (1996-2006). Let us wish him all the best for his retirement.

• Oliver BURMEISTER (Director of the Australian Institute of Computer Ethics, AiCE, Australia, and Chair of the national Committee on Computer Ethics, of the Australian Computer Society) (oburmeister@csu.edu.au)

• Wolfgang COY (TC9 German Representative, GI ‘Computer & Society Group’ Chair) [coy@informatik.hu-berlin.de]

• Franci PIVEC (TC9 Slovenian Representative) [Franci.pivec@izum.si]

• Debora WEBER-WULFF, Head of the GI Ethics Committee, Fachhochschule für Technik und Wirtschaft, Berlin University of Applied Sciences, http://www.f4.fhtw-berlin.de/people/weberwu/, appointed by the German GI.

• Mike BOWERN (AU, Centre for Applied Philosophy and Public Ethics, http://www.cappe.edu.au/), Charles Sturt University, has been appointed as corresponding member. [Mike.Bowern@anu.edu.au]
Business meetings, held:

Since the last Gabarone GA report (September 2005), SIG9.2.2 hold two meetings

- Namur-Belgium on January 12-13, 2006
- Namur-Belgium again, on May 2006

Future meeting:
Namur-Belgium, January 12, 2007

Events and activities

- Participation in the two-days International Conference in honour of Jacques Berleur: Information Society: Governance, Ethics and Social Consequences, Namur (Belgium), May 22-23, 2006, with the participation of Klaus Brunnstein, IFIP President, Deborah Johnson (USA), Stefano Rodota, …. [http://www.info.fundp.ac.be/informationsociety/Introduction.html](http://www.info.fundp.ac.be/informationsociety/Introduction.html)
  See IFIP-Newsletter, March 2006, p.4

- Preparation of a Monograph 3: National Ethics Committees: Suggestions of Functions, Form, and Structure

- Participation in IFIP-TC9 “Human Choice and Computers” International Conference (Maribor, Slovenia, September 21-23,2006); a Panel ‘ICT in Medicine and Health Care: Assessing Social, Ethical and Legal Issues’ with three SIG922 members as panellists. Two other members have been selected as speakers.

- **Reminder:** A monograph 2 Criteria and Procedures for Developing Codes of Ethics or of Conduct had been distributed to all the IFIP representatives present at the Toulouse GA in 2004, but very little feedback, except from the BCS, which requested 20 supplementary copies, - but BCS didn’t send any comment later. The texts and all the annexes are available at [http://www.info.fundp.ac.be/~jbl/IFIP/Criteria_and_procedures.pdf](http://www.info.fundp.ac.be/~jbl/IFIP/Criteria_and_procedures.pdf)
  Substantiating documents for this Executive Summary, and representing SIG9.2.2 analyses are referred at: [http://www.info.fundp.ac.be/~jbl/IFIP/References_Criteria_and_procedures.pdf](http://www.info.fundp.ac.be/~jbl/IFIP/References_Criteria_and_procedures.pdf)
  A reminder has been sent to all the IFIP representatives early December 2005, without more feedback! IFIP-SIG922 wants to know why?

Plan for the future

- SIG922 has assessed the low quality of the Wikipedia article “Computer Ethics”. Therefore, it is preparing a new text on “Ethics of Computing”. Deborah Johnson has accepted to write a first draft, which will be augmented with bibliography and references to documents outside of the USA. The text will be discussed during the next January meeting. It will be implemented on the Wikipedia in different languages, and also on the SIG922 website.
• SIG9.2.2 is also aiming at playing its “watchdog” role in the domain of ethics, and will send also its first ideas on sensitive questions as soon as listed by the group. It is becoming a common exercise at the beginning of each of our meetings. Questions should be treated either by SIG9.2.2 or WG9.2 according to their specific character.

• 3-4 main orientations appear: link with the National Ethics Committees of the different IFIP national Societies, anticipate emerging issues and deepen theoretical background, link with other associations.

• The new representatives of Societies from Australia, Germany, Slovenia, joining recently, are promising.

WG 9.3 Home Oriented Informatics and Telematics

Events planned
Plans are made for the next conference of the Group, probably in India.

WG9.4 Social impact of computers in developing countries

Changes in Membership and Officers
Ms. Savita Bailur of the London School of Economics (LSE) is the new secretary of the WG. We received no new membership applications.

Events Planned:
• Our next international working conference is scheduled for Sao Paolo, Brazil in May 2007.

• WG 9.4 in collaboration with CePRCO in Canada, Kofi Annan Institute in Accra, Ghaha and the Economic Community of West African States is organizing a workshop on Building Capacity to Fight Cybercrime in West Africa. This workshop is planned for late 2006 or early 2007.

Publications:
Special Issue on Enhancing Human Resource Development through ICT published in the journal of IT for Development. Editors are: Abiodun O. Bada and Shirin Madon.

WG9.5 on Virtuality and Society

Changes of officers:
Chair:
Dr Niki Panteli, University of Bath
ool of Management
BaSchth, BA2 7AY, England
Tel: +44 (0) 1225 383319
Fax: +44 (0) 1225 386473  
Email: N.Panteli@bath.ac.uk

Vice-Chair  
Dr. Martin Warnke  
Akademischer Direktor  
Universität Lüneburg  
Leiter Rechen- und Medienzentrum  
Fach Kulturinformatik  
IT- und Medienbeauftragter des Präsidiums  
D-21332 Lüneburg  
Tel: 0049.4131.677-1202  
Email: warnke@uni-lueneburg.de

Secretary  
Dr Mike Chiasson  
Senior Lecturer  
Dept. of Management Science  
Lancaster University  
Bailrigg, Lancaster  
LA1 4YX  
m.chiasson@lancaster.ac.uk  
+44 (0)1524 594 255

Changes of members
New members:  
Angeliki Poulymenakou, Athens University of Economics and Business, Greece  
Anthony Papargyris, Athens University of Economics and Business, Greece  
Bryan K.Temple, Glasgow Caledonian University, UK  
Chrisanthi Avgerou, London School of Economics, UK  
Christin Schmidt, University of Applied Sciences, Saarbrucken, Germany  
Elizabeth Duncan, Remote Work Management Ltd, UK  
Helena Karsten, University of Turku, Finland  
Joyce Lee, University of Bath, UK  
Keith Dixon, University of Bath, UK  
Lin Yan, University of Wales Lampeter, UK  
Maha I. Shaikh, London School of Economics, UK
Maria Hayes, Lancaster University, UK
Maria Woerndl, University of Newcastle, UK
Mike W. Chiasson, Lancaster University, UK
Tony Cornford, London School of Economics, UK
Velvet Weems Landingham, Kent State University, USA
Wolfgang Coy, Humboldt University, Germany

Activities held:
IFIP W.G. 9.5 Virtuality & Society was re-launched at an International Workshop that took place at the London School of Economics, UK on June 16, 2006. The workshop was entitled: ‘Virtuality & Society: Emergent Themes’ and it was attended by 19 individuals. The group consisted of practitioners and academics from the fields of computing, information systems, politics, management. The aim of the workshop was to explore, to appreciate and debate the nature of virtuality, its impact on and role within society and its pervasiveness at both the global and local levels.

Future activities:
IFIP W.G. 9.5 was invited to join IFIP W.G. 8.2 in the organization of their conference on ‘Virtuality and Virtualization’ which will take place in Portland, Oregon, US in July 2007. This joint conference is subject to approval by TC8 and TC9.

An International workshop on Virtuality is scheduled to take place in July 15-16, 2008 at Luneberg University in Germany. The local organizer will be Professor Martin Warnke.

Meetings Scheduled:
Business Meetings are scheduled as follows:
1) July 2007 in Portland at the joint 8.2/9.5 conference and new members will be encouraged to join the group.
2) June 2008 in Luneberg at the W.G. 9.5 International as mentioned above.

WG9.6/11.7 IT Misuse and the Law

New membership
Mr. Pradeep Navalkar from SEARCC

WG 9.7 History of Computing

Meetings held and scheduled
The working group held one meeting in 2004 during the History of Computing in Education (HCE) Conference of the 2004 IFIP WCC in Toulouse, France, Tuesday,
24 August, at 17:00. The notes from this meeting appear on the website of <http://www.CompHist.org>. The WG plans another face-to-face business meeting at the IFIP World Congress in Santiago, Chile, Tuesday, 22 August at 17:45, in Room 8 of the Convention Center of Catholic University (CEUC).

**Changes in membership and officers**

Membership for the working group has increased to sixty-two professionals, historians, and interested parties.

**Working group activities**

The working group plans to expand slightly its membership to include individuals from diverse communities who are computer historians, computer pioneers, or have an interest in computing history. Other potential members of the working group will likely take place in throughout 2006.

**Events**

In 2005, WG 9.7 engaged in two events that provided it increased visibility and prominence. The events are as follows.

1. WG 9.7 organized a history stream within the World Conference on Computers in Education (WCCE) in Cape Town, South Africa, in 2005 July 4-7.  
   **Outcome:** The track was very successful and over one hundred people attended the presentation.

2. WG 9.7 entered into an in-cooperation agreement to sponsor (non-financial) track at the annual conference of the “Associazione Italiana per l'Informatica ed il Calcolo Automatico” (AICA) in Udine, Italy, 2005 October 5-7.  
   **Outcome:** renowned computing historian Dr. Michael Williams provided a keynote address to the history portion of the conference.

In 2006, WG 9.7 has already concluded one high-profile event in Russia.

1. “Perspectives on Soviet and Russian Computing” (SoRuCom), 2006 July 3-5, in Petrozavodsk, Russia.  
   **Status:** Conference was outstanding – even electrifying! Many Soviet computing pioneers and academicians attended the event. The conference organizers published pre-conference abstracts in Russia and IFIP Springer will be publishing post-conference proceedings. The conference website is http://sorucom.karelia.ru.  
   Note that actual registrants numbered under one hundred; the 170 number represents the number of people who were interested in attending the event.

**Publications**

In 2006, IFIP Springer has published the proceedings from the HCE2 conference as a “Blue Book” and will share proceeds with TC3 at the rate of two-thirds for TC9 and one-third for TC3. In 2007, IFIP Springer will publish the proceedings from the SoRuCom conference.
Progress and status

The WG chair is organizing two conferences and one symposium where WG 9.7 is the major sponsor. The events are as follows.

1. “Second Conference on the History of Computing and Education” (HCE2), 2006 August 21-24 in Santiago, Chile. Sponsored by WG 9.7 (TC9) together with TC3. The conference will take place at the 2006 IFIP World Congress in Santiago, Chile. 

   Status: This HCE2 conference will be similar to the HCE1 conference and will follow a similar format. Springer will publish the proceedings from the conference and TC9 and TC3 should share the proceeds approximately 2/3 to 1/3, respectively; it should be a “Blue Book” publication. The invited HCE2 keynote, Deryn Watson, will make her presentation in conjunction with the TC3 conference.

2. “Pioneering Software in the 1960s in the Netherlands, Germany, and Belgium”, 2006 November 2-4, Amsterdam, the Netherlands. Wilfried Brauer of Germany and Gerard Alberts of the Netherlands have agreed to co-chair the symposium.

   Status: Formal organization of the event is now underway.

3. “History of Nordic Computing 2”, 2007 August 21-23, Turku, Finland. Jouko Ruissalo is the Program Chair and Timo Järvi is the conference chair. The conference website is http://hinc2.utu.fi/. The IFIP Event Form will be submitted shortly.

   Status: Formal organization of the event is now underway.

TC9 attendance statistics


Other items

To achieve success in the promotion of IFIP and computing history, it is important to diversify and expand the membership of WG 9.7. Furthermore, IFIP needs to establish a financial model to support travel to TC9 meetings.

The current website of WG 9.7 is <http://www.CompHist.org/>. All suggestions for improvement are welcome.

WG9.8 Women and Information Technology

The group was inactive for more than two years. A new chairperson has now been appointed, Prof Alison Adam, University of Salford, UK. She is preparing plans to re-activate the Group.

WG 9.9 ICT and Sustainable Development
Meetings held and scheduled
The group held its first meeting at Empa St. Gallen, Lerchenfelderstr. 5, CH-9014 St. Gallen, Switzerland, November 4, 2005

Changes of membership and officers
The Group elected Mr Arnfalk as Vice Chair and Mr Fleissner as Secretary
Members:
Maja Andjelkovic, International Institute for Sustainable Development, CA
Peter Arnfalk, IIIEE, University of Lund, SE
Gerhard Banse, Fraunhofer ALI and ITAS, DE
Gunilla Bradley, Royal Institute of Technology, SE
Tim Otto, Deutsche Telekom AG, DE
Lorenz Erdmann, IZT, DE
Peter Fleissner, TU Vienna, AT
Lorenz Hilty, Empa, CH (founding chair)
Wolfgang Hofkirchner, University of Salzburg, AT
Michael Kuhndt, CSCP, DE
Jyrki Luukkanen, Finland Futures Research Centre, FI
Werner Pillmann, ISEP and IGU, AT
Taeko Aoe, Matsushita Electric, JP
Ignazio Campino, Deutsche Telekom AG, DE
Justus von Geibler, Wuppertal Institute, DE
James Goodman, Forum for the Future, GB
Peter Johnston, European Commission DG INFSO, BE
Vassilios Laopodis, European Commission DG Enterprise, EU
Bill McIver, Canadian National Research Council, CA
Robert Pinter, ITTK, HU
Jan Studziński, SRI PAS Warsaw, PL
Miklos Sukosd, Central European University, HU

Planned Activities:
- a website on "ICT and SD" (to be funded by a German Ministry after approval) will be created in August by Lorenz Erdmann, Berlin
- a list of activities and an annotated bibliography of the field are planned
- potential cooperation with WG social accountability has been discussed between the respective chairs, contacts between members will be established in Maribor
## Part 2 – Technical Assembly

### TC9 Meetings: Attendance

| Nation/Year     | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Australia       | + | + | + | + | + | + | + | a | + | a | a | a | a | a | a | a | + | + | + | + | + | + | + | + | + |
| Australia, 2    | + | + | + | + | + | + | + | + | + | o | a | a | a | a | a | a | a | + | + | + | + | + | + | + | + |
| Austria         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | a | + | + | + | + | + | + | + | + |
| Belgium         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | a | + | + | + | + | + | + | + | + |
| Bulgaria        | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Canada          | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| PR China        | + | a | a | a | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Czech Republic  | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Denmark         | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Finland         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | a | + | + | + | + | + | + | + | + |
| France          | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Germany         | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | a | + | + | + | + | + | + | + | + |
| Germany - Expert| a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Greece          | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Hungary         | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Hungary         | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| India           | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Ireland         | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Israel          | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Italy           | + | a |
| Japan           | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Netherlands     | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| New Zealand     | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Norway          | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Poland          | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Portugal        | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Slovenia        | a |
| Slovakia        | a | a | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Spain           | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| South Africa    | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Sweden          | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| Switzerland     | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| UK, 1           | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| UK, 2           | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| USA             | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| USA-ACM         | + | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| USA-IEEE        | + | a | + | r | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.1 Chair     | + | a | a | a | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| SIG9.1.1 Chair  | a | + | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.2 Chair     | + | a | + | + | + | a | a | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| SIG9.2.1 Chair  | + | a | a | a | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| SIG9.2.2 Chair  | + | a | + | + | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.3 Chair     | + | a | a | a | a | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.4 Chair     | a | a | + | r | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.5 Chair     | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.6 Chair     | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.6 Co-Chair  | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.7 Chair     | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |
| WG9.8 Chair     | + | + | + | + | + | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a | a |

* Resigned from TC — + representative attended — a apologies — r represented— o observer