

TC9: Relationship between Computers and Society Report to General Assembly – Toulouse, 2004

Jacques Berleur, TC9 Chair

Part 1: General Assembly

TC9 Relationship between computers and society

Membership and officers

- The Indian Computer Society has appointed a new representative, Prof Jaswant G Krishnaiah, Executive Director Systems Research Institute 17-A Gultekdi Pune 411 037 Tel: 020-4260323-O / 020-6363939- R Email: geoconcept@vsnl.com, jkrishnayya@yahoo.com
- Johnathan Miller, South Africa Representative is replaced by Letlibe Jacob (Jackie) Phahlamohlaka, Senior Lecturer at the University of Pretoria. jphahla@hakuna.up.ac.za
- Penny Duquenoy has been officially appointed by the TC9 Chairman, with the unanimous support of WG9.2 and of TC9, as WG9.2 Chair person.
- TC9 Chair has requested the IFIP President to appoint the new chair of TC9, Chrisanthi Avgerou, effective 2005 January 1st.

Activities

- TC9 has been deeply involved in WITFOR, in Vilnius, late August 2003. All TC9 WGs were participating in the Commission 8 on Social and Ethical Aspects and have submitted extensive reports on their activities and views on the field they cover.
- Last business meeting: Farnham, UK, 2004 June 5-6 with a good attendance: 20 members.
- Several TC9 members were active and participating in the World Summit on the Information Society (Geneva, December 2003): the President Klaus Brunnstein, Jacques Berleur (TC9 Chair), Andrew Clement (WG9.1), Franci Pivec (TC9, Si representative), ...
- TC9 is co-sponsoring along with TC5 and TC8, the 18th conference EnviroInfo 2004 of the German Informatics Society (GI) which will be held in Geneva, Switzerland, October 21-23, 2004. See: <http://www.enviroinfo2004.org/>
- TC9 is preparing its 7th Human Choice and Computers Conference to be held in Nova Gorizia (Slovenia-Italy), in Spring 2006.

Last TC9 and related WG9.x Publications

TC9

- Commission 8: Social and Ethical Aspects of the Information Society, in *WITFOR 2003 Whitebook*, Dipak KHAKHAR Ed. Vilnius, Lithuania, 27-29 August 2003, IFIP Press, 2003, pp. 259-339.

WG9.2 - 9.6/11.7

- *Risks and Challenges of the Network Society*, Penny DUQUENOY, Simone FISCHER-HÜBNER, Jan HOLVAST, and Albin ZUCCATO, Eds., Proceedings of the IFIP WG9.2, 9.7/11.7 Karlstad International Summer School, Karlstad Universities Studies, 2004:35, ISBN 91-85335-03-07.

SIG9.2.2

- Criteria and Procedures for Developing Codes of Ethics or of Conduct. On behalf of IFIP-SIG9.2.2: Jacques Berleur, Penny Duquenoy, Jan Holvast, Matt Jones, Kai Kimppa, Richard Sizer, and Diane Whitehouse, © IFIP Press, Laxenburg – Austria, ISBN 3-901882-19-7
- Jacques BERLEUR, Key issues in IFIP-SIG9.2.2 Approaches to Ethics of Computing, in: *Informatics and the Digital Society - Social, Ethical and Cognitive Issues*, Proceedings of the SECIII IFIP-GI-Conference on Social, Ethical and Cognitive Issues of Informatics and ICT, Tom J. Van Weert and Robert K. Munro, eds., Kluwer Academic Publ., 2003, pp. 1-16.
- Jacques Berleur, Poklicna deontologija, samourejanje in etika v informacijski družbi, in : *Organizacija Znanja (OZ)*, letnik 8, zvezek 4, 2003, pp. 166-174. ISSN 158=0-979X, <http://home.izum.si/cobiss/oz/>
- Jacques Berleur, Professional Deontology, Self-regulation and Ethics in the Information Society, in: *Education and the Knowledge Society, Information Technology Supporting Human Development*, Tom. J. van Weert, Ed., Proceedings of the Forum “Engineering the Knowledge Society” (EKS) (World Federation of Engineering Organisations, IFIP, SATW, SVI-FSI) - Information technology supporting human development”, Geneva, December 10-12, 2003 – World Summit on the Information Society <http://www.itu.int/wsis>, Kluwer Acad. Publ. 2004

WG9.4

- *The Digital Challenge: Information Technology in the Development Context*, S. Madon and S. Krishna, Eds., Ashgate Publishers, ISBN: 0 7546 3445 0 Publication Date: 12/2003, Number of Pages: 386 pages

WG9.6/11.7: see WG9.2

- Preceedings with extended abstracts are already published at: <http://www.cs.kau.se/IFIP-summerschool/program.shtml>.

WG9.7

- Kluwer will publish the conference proceedings from the First Conference on the History of Nordic Computing (HiNC1) in 2004.
- Kluwer will publish the conference proceedings from the First Conference on the History of Computing in Education (HCE1). The proceedings will be available for participants at the IFIP World Computer Congress in Toulouse.
- The book prepared by TC9 has been accepted by the IFIP Publication Committee Chair and by Kluwer Acad. Publ. The title should be *Perspectives and Policies on ICT in Society*. There is some delay due to the unavailability of the English editor.

WG9.1 Computers and Work

Business meetings

The business meeting planned to take place at the ECCSW (European Conference on Computer Supported Cooperative Work) conference 2003 in Helsinki, September 17, had to be cancelled because of the low attendance from members from North America. That is why we decided to have our next meeting in conjunction with the PDC 2004 in Toronto, Canada, 2004 July 30. We will evaluate the conference and plan our future work.

Membership

No change.

According to our discussions about active membership we will report to TC 9 who is not active since years and has to be removed and who will be proposed to be a new member.

Events

The next event is the Participatory Design Conference 2004 in Toronto, July 27-31. The PDC 2004 is the eight biennial conference. The title is "Artful Integration: Interweaving Media, Materials and Practices". Preparing and conducting these conferences is the core activity of the Working Group 9.1. The Participatory Design conference, held since 1990, have brought together a multidisciplinary and international group of software developers, researchers, social scientists, designers, activists, practitioners, and managers who adopt participatory approaches in the development of information and communication artefacts, systems, services, and technologies. Several members of WG9.1 play an important role: as chairpersons, as members of the program committee and in organising workshops. We are quite sure that this conference will be a big success.

Website

WG9.1 has a home page: <http://orgwis.gmd.de/~mambrey/ifip9.1.html>

WG9.2 Social Accountability

Meetings held and scheduled

Karlstad meeting (August 3, 2003):

- 10 persons (including one guest) attended the meeting and 14 sent their apologies.
- Extensive Round Table (the opportunity for everyone to report on their WG9.2-related activities for the preceding 6 months) the main focus for discussion was on the group's Long Term Themes and Actions. Parts of these actions include the participation to the TC9 Reader *Perspectives and Policies on ICT in Society*, and the preparation of the Reader of WG9.2. on *New Emerging Landscapes*.
- Discussion on the future and sponsoring of the Namur Award. It was decided that the name "Namur Award" should stay as such, but something like "sponsored by" could be added. Criteria for sponsoring organisations were discussed. It was important that companies should have some ethical profile, which could be assessed in a number of ways (e.g. ethical audit, kite-marks, or appear on some "ethical list"). Organisations could be from the "not-for-profit" sector as well as commercial.
- Final preparation of the Summer School, which was held on 2003 August 4-8 in Karlstad (Sweden).

Namur meeting: January 16-18, 2004

- Traditional January Namur (Belgium) meeting.

- Friday afternoon: the IFIP-WG9.2 Namur Award Ceremony. This biennial award is presented in recognition of an outstanding contribution to the awareness of social implications of information and communication technology. The Namur Award was presented to Ian H. Witten, Professor of Computer Science at the University of Waikato (New Zealand). He gave his Award Lecture on 'Digital libraries, developing countries, and information for all'.
- 13 persons attended meeting on Saturday 17 and Sunday 18 January. Another 13 sent apologies. After an extensive round table, Kai Kimppa, Fabian von Schéele, Jacques Berleur and Diane Whitehouse presented four teach-ins. In the afternoon the Long Term Themes and Actions were discussed. It was decided that the publication of the WG9.2. reader should be postponed until 2005 when a Conference devoted to the Emerging Landscapes will be organised in Turku (Finland). The other event that was agreed was the Summer School, to be held in August 2006 (again in cooperation with WG9.6).
- During the meeting Penny Duquenoy was unanimously proposed as chair of the WG9.2.

Forthcoming meeting Barcelona - June 2004

- The next meeting will be held on 2004 June 12-13 in Barcelona (Spain). The following meeting will be, according to the tradition, in Namur (Belgium) on 15-16 January 2005.

Changes in Membership and Officers

Withdrawn: Andrew Freeman (Australia) – withdrawn membership February '04 (due to work overload)

New: None.

Retiring Officers:

Chair: Jan Holvast

Vice-Chair: Diane Whitehouse

Secretary: Penny Duquenoy

New Officers:

Chair: Penny Duquenoy (approved by TC9 Chair)

Vice-Chair: Chris Zielinski (approved at Barcelona meeting).

Secretary: Kai Kimppa (approved at Barcelona meeting).

WG9.2 activities and events

Past:

Karlstad Summer School

- In close cooperation with the WG9.6/11.7 and Karlstad University.
- Title: 'Risks & Challenges in the Network Society'. It was without doubt a great success, attracting around 50 attendees, and having a good balance of men and women, young and old, wise and becoming wise.
- Proceedings published by Karlstad University Press.

Participation at WITFOR2003, Vilnius, Lithuania.

Contribution to the TC9 Reader *Perspectives and Policies on ICT in Society*

Proposed:

- It was decided to hold another Summer School in August 2006, again in Karlstad (Sweden) once again in close cooperation with Karlstad University.
- WG9.2 Conference Turku, June 2005.

- Workshop participation in “Days of Reflection on Informatics (1982, 1984, 1986, 1990)” to be held in Namur, Belgium October, 2005.

Progress and Status

Members have been active in promoting the work and aims of the Working Group (Karlstad Summer School 2003; WITFOR 2003, Vilnius), resulting in publications. The planned update of the Landscapes book has been slow – priorities were changed as other deadlines emerged (TC9 reader, contribution to WITFOR). However, this is still on the WG92 agenda as a theme for the planned Turku conference in 2005. Membership is steady, although the group is well aware of the need to recruit new members, particularly those at the beginning of their careers.

SIG9.2.1 Information Technology and Disability

SIG9.2.2 IFIP Framework on Ethics of Computing

Membership

New Members

- Kai Kimppa (Fi), officially appointed by the Finnish Information Processing Association
- Arjan van Dijk (NL), nominated by NGI
- Brian O'Connell of Central Connecticut State University , proposed by IEEE-CS (<http://www.cs.ccsu.edu/~boconnel/bio.htm>)

Potential New Members (not yet fully accepted)

- Simon Visser (NL), presented by NGI, but no personal answer
- Prof. Giorgio Ventre, of the University of Naples , presented by AICA (<http://www.grid.unina.it/individual/ventre/ventre.html>)
- Dr. Carlisle E. George, Middlesex University, interested, (<http://www.cs.mdx.ac.uk/staffpages/cgeorge/>)
- Lidia Oshlyansky lidiaosh@yahoo.com, PhD student at University College London under Prof. Harold Thimbleby, interested

Meetings

Held

- Karlstad, August 2nd, 2003
- Namur, January 16th, 2004

Scheduled

- Barcelona, June 2004
- Namur, January 2005

Activities

- Preparation for IFIP-GA in Toulouse of a document “Criteria and Procedures for Developing Codes of Ethics or of Conduct.”
- SIG9.2.2 has participated in a stream in the Karlstad Summer School, and has proposed a reflection on "ICT and Social Exclusion".
- SIG9.2.2 has also participated in WITFOR (Vilnius, August 27-29, 2003), in its Commission 8 on Social and ethical aspects.
- It has also participated in conferences such as ETHICOMP.

Website: <http://www.info.fundp.ac.be/~jbl/IFIP/sig922.html>

or via <http://www.info.fundp.ac.be/~jbl/IFIP/cadresIFIP.html>

WG9.3 Home Informatics and Telematics

Meetings held and scheduled

- Next meeting York, UK, 16th April 2005

Changes in Membership and Officers

The following have been approved by the working group as new members

Marianne Graves Petersen (DK)

J. Berry Eggen (NL)

Andras Galambosi (HU)

Jacqui Taylor (GB)

Steve Howard (Australia)

Working group activities

- The work of the group is directed to working on HOIT conferences themes and issues to do with HOIT2005 – This has taken place on email and the discussion forum and is very active and we have good participation.

Future Events

HOIT 2005 – April 13-15. York UK. See: <http://www.hoit2005.org/>

Progress and status

- The WG has established an online forum for discussion of issues. This allows for continuous discussion of the programme for the next HOIT conference and other issues related to HOIT. The forum is undergoing a process of “initialisation” as WG members become accustomed to this additional way of working. The WG9.3 website is at <http://hoit2000.scit.wlv.ac.uk> where we find also the forum for discussion.

WG9.4 Social impact of computers in developing countries

Meetings held and scheduled

- The WG has not held any meeting since the 16 June 2003 meeting at the Athens joint 8.2/9.4 conference.

Changes in Membership and Officers

There was no change in officers in the past six months. We received 4 new membership applications.

Working group activities

- Preparation for the 2005 May 25-28 Conference in Abuja, Nigeria. The theme of this conference is: "Enhancing Human Resource Development through ICT"
 - A program committee has been formed and we are currently sourcing for financial support to allow participants from developing countries to attend the conference
 - The *Journal of Information Technology for Development* has agreed to publish selected papers from the 2005 conference in a special edition.
 - Informal meetings were held at the International Academy for African Business & Development (IAABD) Conference in Atlanta, USA and the Information Resource

Management Association (IRMA) Conference in Louisiana, USA to advertise the Abuja 2005 conference. A similar meeting is planned for the Global Information Technology Management Association (GITMA) Conference and the Americas Conference on Information Systems (AMCIS) both be held later this year in the USA.

- A new group e-mail was launched to disseminate information to group members.
- WG9.4 is contributing to the Toulouse Workshop in preparation for the World Information Technology Forum (WITFOR) 2005. Call for Papers, Panels and Participation has been sent out to 9.4 members.

Events

Conference in Abuja, Nigeria May 25-28 2005: "Enhancing Human Resource Development through ICT"

A new website is being developed specifically for this conference.

Progress and status

WG9.4 is currently searching for a new Secretary and Vice Chairpersons for Africa, Latin America, Asia and Europe to help advertise events and organize regional events.

Website: <http://is.lse.ac.uk/ifipwg94/>

WG9.5 Applications and Social Implications of Virtual Worlds

WG9.5 has been dormant for the last years, due to the lack of a chair person.

During the 2004 IFIP-Council in Cape Town, TC9 Chair had the opportunity to meet two professors of the Computer Science Department of the Cape Town University, Edwin Blake and Gary Marsden.

The research interests of Edwin Blake are: Human-Computer Interaction, Interactive Computer Graphics, Visualization and Image Compression, as well as IT Policy -- including the Information Society and Development.

Among Gary Martsden interests : digital divide, programming virtual environments, ...

TC9 Chair keeps at disposal a document for those interested in the subject. We are recruiting people. (<mailto:jberleur@info.fundp.ac.be>).

WG9.6/11.7 IT Misuse and the Law

Meetings held and scheduled

- 14 June 2003 in Stockholm
- 8 November 2003 in Frankfurt (Workshop 7 November)
- 8 May 2004 in Vienna
- 21 August 2004, Toulouse

Change of officers

Robert Willison has resigned as a vice chair

New Members

Vijay Masurkar, Sun Microsystems, Inc., USA.

Events

- WG9.6/11.7 has accepted the invitation by TC11 to contribute to the TC11 SEC'2003 conference, which was held in Athens / Greece, 26-28 May 2003. WG9.6/11.7 organised a special half-a-day workshop on “*Security and Control of IT in Society (SCITS-III)*”. The workshop started with an invited talk by Louise Yngström. Besides that, two submitted short papers were published in the main SEC'2003 Kluwer proceedings. Finally, a panel discussion addressed “*Data Retention Policy – Cyber Security and Privacy Considerations*”. See also: <http://www.sec2003.org/>
- A joint Summer School was held (4-8 August 2003) at Karlstad University in cooperation with WG9.2 and the HumanIT research forum at Karlstad University. Local organisers: Simone Fischer-Hübner and Albin Zuccato. Programme Committee Chair: Jan Holvast (WG9.2). Theme: *Risks and Challenges of the Network Society*. It has attracted more than 50 PhD students, young and senior researchers from more 19 different countries from all five continents. The summer school consisted of invited keynote talks by senior researchers and industry experts in the morning, and parallel workshops, where mainly research students presented their research, in the afternoon. Proceedings with extended abstracts of all contributions are published online at the Summer School web site, see also: <http://www.cs.kau.se/IFIP-summerschool/> . Proceedings with final papers will be published in June 2004.
- A Seminar on “Security and Privacy Management in the Enterprise” was held on Friday afternoon, 7 November 2003, at the Johann Wolfgang Goethe-University Frankfurt. The seminar programme included the following two presentations by WG 9.6/11.7 members followed by discussions with the audience: Vijay Masurkar (Lead Services Architect, SMI, USA) on “Designing Network Security & Privacy for Exchange of Critical Information in an Enterprise Architecture”, and Albin Zuccato (Karlstad University) on “A Holistic Information Security Management Framework applied for Electronic Commerce”.

Future events

- IFIP-WG9.6/11.7 will organise a panel on *Meeting the Global Challenges of Security Incident Response* at 19th IFIP International Information Security Conference (IFIP/Sec 2004, as part of the 18th IFIP World Computer Congress in Toulouse, August 22-27, 2004, (www.wcc2004.org).
- IFIP-WG9.6/11.7 will closely cooperate with the EU-FP6 network of excellence FIDIS (Future of Identity in the Information Society) that started in April 2004.

Website

WG9.6/11.7 uses an email-distribution list for internal discussion and information exchange. WG9.6/11.7 website: <http://www.cs.kau.se/~simone/ifip-wg-9.6/wg96.htm>

WG9.7 History of Computing

Meetings held and scheduled

The working group held no meeting so far in 2004. A working group meeting will take place during the History of Computing Conference (HCE) of the 2004 IFIP WCC in Toulouse, France. The tentative schedule for this meeting is Tuesday, 24 August, at 17:00.

Changes in membership and officers

The officers remain the same.

New members have been proposed. The working group plans to expand its membership participation to include individuals who are computer historians, computer pioneers, or have an interest in computing history. The working group now has twenty-three members. The goal is to expand the group to over fifty participants. A new cohort of potential members of the working group has been considered by the TC9 at its meeting in Farnham, England, 5-6 June 2004. IFIP Bulletin has been updated.

Events

WG9.7 together with TC3 has organized the First Conference on the History of Computing in Education (HCE1). The conference will take place at the 2004 IFIP World Congress in Toulouse, France in 2004 August. The program committee received out of thirty-one proposals for the conference and authors will present eighteen papers and one poster at this three-day event. Peter Bollerslev (program chair), John Impagliazzo, JAN Lee, and Jan Wibe constitute the program committee.

Progress and status

The WG chair has engaged in preliminary discussions to explore the possibility of having the following conferences sponsored through WG9.7.

1. Organize a history track at the World Conference on Computers in Education (WCCE) in Cape Town, South Africa, in 2005. The WG chair has engaged in preliminary discussions to explore the possibility of having a history track at such a conference. The track theme will be the History of Computing in Education in Africa. As WCCE is a WG3.2 event, it remains to be seen if the conference committee will welcome this concept. Peter Bollerslev and Brian Samways are in charge of WCCE in 2005. Joe Turner is WG3.2 Chair and Jan Wibe is the TC3 chair.
2. Organize a conference on the "Computing History of Germany". Wilfried Brauer has agreed to organize the event should it take place. A tentative date for the event is 2006 or 2007.
3. Organize a conference on the computing history of the Netherlands or possibly the Low Countries. A tentative date for the event is 2006 or 2007. Gerard Alberts is a possible organizer of this event.
4. In connection with items #2 and #3, the plan is to have a weeklong event for the two conferences – one in Germany and the other in the Netherlands. The sequence is unknown at this time.

WG9.8 Women and IT

This year, WG9.8 business meeting will be held on June 25th, 2004 in the context of the International Symposium GIST - Gender Perspectives Opening Diversity for Information Society Technology in Bremen, Germany.

Next year, WG9.8 business meeting will be held in the context of the 6th International Conference Women into Computing (WiC) at the University of East London, 14-16 July 2005. The meeting will probably be on July 15, 2005.

Working group activities are concentrated on the preparation of the next IFIP-conference "Women, Work, and Computerization" which is planned for the end of 2005 (probably in India).

Part 2: Technical Assembly

Nothing specific to report

TC9 Meetings: Attendance

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

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