

IFIP GENERAL ASSEMBLY

March 2003 – Bilbao, Spain

Report from Technical Committee 6 (Communication Systems)

Author: Prof. Augusto Casaca (TC6 chairman)

Date: 5th February, 2003

PART I

1. TC6 meetings held since last report

Meeting 2002/2 – Lisboa, Portugal – October 5th and 6th, 2002.

2. TC6 meetings scheduled until next IFIP GA meeting

Meeting 2003/1 – Budapest, Hungary – May 18th and 19th, 2003.

3. WG meetings held since last report

WG 6.11 – Lisboa, Portugal – October 9th, 2002.

WG 6.8 – Singapore – October 24th, 2002.

WG 6.1 – Houston, USA – November 11th, 2002.

WG 6.10 – Budapest, Hungary – February 3rd, 2003.

4. Changes in Membership and Officers

The following new delegates have been nominated for TC6:
Prof. Janez Bester, Univ. Ljubljana, Slovenia.

WG 6.3 has a new chairperson:
Dr. Ioannis Stavrakakis, Univ. Athens, Greece.

5. Events held since last report

Congress; 17th World Computer Congress;
IFIP;
25-30 August, 2002; Montreal, Canada;
Email contact: lyman@nexthop.com
URL: <http://www.wcc2002.org>
(Kluwer)

Workshop; EUNICE Summer School on Adaptable Networks and Teleservices;
WG 6.7;
2-4 September, 2002; Trondheim, Norway;
Email contact: aagesen@item.ntnu.no

URL: <http://www.item.ntnu.no/eunice2002/>
(Local publication)

Workshop; 1st Annual Mediterranean Ad Hoc Networking Workshop;
WG 6.2+ WG 6.8;
4-6 September, 2002; Sardegna, Italy;
Email contact: guy.pujolle@lip6.fr
URL:
(Local publication)

Open Conference; Conference on Mobile Wireless Communications Networks;
IEEE + WG6.2 + WG6.8
10-11 September, 2002; Stockholm, Sweden;
Email contact: gomidyar@cw.cwc.nus.edu.sg
URL: <http://www.cwc.nus.edu.sg/mwcn2002/>
(Springer)

Open Conference; World Telecommunications Congress 2002;
SEE + WG 6.2;
22 - 27 September, 2002; Paris, France
Email contact: dominique.delisle@francetelecom.com
URL: <http://www.wtc2002.org>
(Local publication)

Open Conference; Communications and Multimedia Security'2002;
TC6 + TC11;
26-27 September, 2002; Portoroz, Slovenia;
Email contact: borka@e5.ijs.si (Borka Jerman Blazic)
URL: <http://www.setcce.org/cms2002>
(Kluwer)

Open Conference; 2nd Conference on E-commerce, E-business and E-government;
WG 6.11+TC8+TC11;
7-9 October 2002; Lisboa, Portugal;
Email contact: joao.monteiro@dei.uminho.pt
URL: <http://www.siweb.info/ifip>
(Kluwer)

Working Conference; 5th Conference on Management of Multimedia Networks and Services (MMNS'2002)
WG 6.6 + WG 6.2 + IEEE;
6-9 October, 2002; Santa Barbara, USA;
Email contact: almeroth@cs.ucsb.edu
URL: <http://www.cs.ucsb.edu/conferences/MMNS02/>
(Springer)

Workshop; Workshop on Internet Technologies, Applications and Societal Impact
WG 6.4 +WG 6.11;
10-11 October 2002; Wroclaw, Poland;
Email contact: grzech@ists.pwr.wroc.pl
URL: <http://www.ists.pwr.wroc.pl/witasi>
(Kluwer)

Open Conference; Interworking'2002;
WG 6.2;
13-16 October, 2002; Perth, Australia;
Email contact: zig@ee.uwa.edu.au (Zigmas Budrikis)
URL: <http://www.interworking2002.org>
(Kluwer)

Working Conference; 1st Conference on Network Control and Engineering
for QoS, Security and Mobility (Netcon);
WG 6.2+WG 6.6 + WG 6.7 + WG 6.8;
21-25 October, 2002; Paris, France;
Email contact: guy.pujolle@lip6.fr
URL:
(Kluwer)

Workshop; 13th Distributed Systems and Operation Management Workshop
(DSOM' 2002);
WG 6.6 + IEEE
21-23 October, 2002; Montreal, Canada;
Email contact: kropf@iro.umontreal.ca
URL: <http://www.dsom2002.org>
(Springer)

Working Conference; 7th Conference on Personal Wireless Communications
(PWC'2002);
WG 6.8;
23-25 October, 2002; Singapore;
Email contact: gomidyar@cw.nus.edu.sg
URL: <http://www.cw.nus.edu.sg/pwc2002>
(Kluwer)

Workshop; 4th Workshop on Mobile Agents for Telecommunication
Applications (MATA'02);
WG 6.7;
22-24 October, 2002, Barcelona, Spain;
Email contact: info@mata-ma2002.upf.es;
URL: <http://www.upf.es/mata-ma2002>
(Springer)

Open Conference; 6th Conference on Electronic Publishing
ICCC +WG6.11 + WG6.4;
6-9 November, 2002;Karlovy Vary, Czech Republic;
Email contact: arved.huebler@mbv.tu-chemnitz.de
<http://www.tu-chemnitz.de/elpub02/>
(ICCC publication)

Open Conference; 7th Joint Conference on Formal Description Techniques
for Distributed Systems and Communication Protocols/ Protocol
Specification, Testing and Verification (FORTE/PSTV'2002);
WG 6.1;
11-14 November, 2002;Houston, USA;
Email contact: vardi@cs.rice.edu, doron@ece.utexas.edu
URL: <http://www.ece.utexas.edu/FORTE>
(Springer)

Open Conference; Conferencia Latinoamericana de Informatica (CLEI'2002)
WG 6.9;

25-29 November, 2002; Montevideo, Uruguay;
Email contact: corbo@athenea.ort.edu.uy , putxi@uib.es
URL: <http://www.fing.edu.uy/clei2002>
(Local publication)

Working Conference; 4th International Conference on Active Networks;
WG6.7;
4-6 December, 2002; Zurich, Switzerland;
Email contact: plattner@tik.ee.ethz.ch
URL : <http://www.iwan2002.org>
(Springer)

6. Publications

Since the last report TC6 has published thirteen books for IFIP. Seven books have been published by Kluwer and the remaining six of them have been published by Springer.

7. Events scheduled in 2003

Working Conference; 7th Optical Network Design and Modelling
Conference;
WG 6.10;
3-5 February, 2003; Budapest, Hungary;
Email contact: cinkler@ttt-atm.ttt.bme.hu
URL: <http://www.hsnlab.hu/~ONDM2003>

Open Conference; 8th Intern. Symposium on Integrated Network Management
(IM'2003);
WG 6.6 + IEEE CNOM;
24-28 March, 2003; Colorado Springs, USA;
Email contact:
URL: <http://www.comsoc.org/confs/im/2003>

Open Conference; 12th International World Wide Web Conference (WWW2003);
WG 6.4;
20-24 May, 2003; Budapest, Hungary;
Email: info@www2003.org
URL: <http://www2003.org>

Open Conference; 15th International Conference on
Testing of Communication Systems (Testcom'2003);
WG 6.1;
25-29 May, 2003; Sophia-Antipolis, France;
Email contact: anthony.wiles@etsi.fr
URL: <http://www.testcom2003.org>

Working Conference; 11th International Workshop on Quality of Service
(IWQOS'2003)
WG6.1 + IEEE;
2-4 June, 2003; Monterey, USA;
Email contact:

Open Conference; 4th International Conference on Middleware
(Middleware'2003)
WG 6.1 + ACM;
16-20 June, 2003; Rio de Janeiro, Brazil;
Email contact:
URL : <http://middleware2003.inf.puc-rio.br>

Workshop; Workshop on Internet Applications (WIAPP 2003)
IEEE CS + WG6.4;
23-24 June, 2003; San Jose, USA;
Email contact:
URL: <http://www.cs.ucdavis.edu/~aksoy/wiapp03>

Open Conference; 7th Conference on Electronic Publishing
ICCC +WG 6.11;
25-28 June, 2003; Portugal;
Email contact: analice@dsi.uminho.pt
URL: <http://www.dsi.uminho.pt/elpub2003>

Workshop; 2nd Annual Mediterranean Ad Hoc Networking Workshop;
WG 6.8;
25-27 June, 2003; Mahdia, Tunisia;
Email contact: frk.kamoun@planet.tn (Farouk Kamoun)
URL:

Open Conference; 2nd International Symposium on Telecommunications
(IST'03)
TC6;
16-18 August, 2003; Isfahan, Iran;
Email contact: IST2003@itrc.ac.ir
URL: <http://www.itrc.ac.ir/ist2003/>

Workshop; WG 6.3 Workshop;
WG 6.3;
Summer 2003; Cyprus;
Email contact:

Open Conference; 3rd Conference on E-commerce, E-business and E-
government;
WG 6.11+TC8+TC11;
22-24 September, 2003; São Paulo, Brazil;
Email contact: mjmendes@bestway.com.br
URL: <http://www.cenpra.gov.br/I3E-conference>

Working Conference; 8th Conference on Personal Wireless Communications;
WG 6.8;
23-25 September, 2003; Venice, Italy;
Email contact: Marco.Conti@cnuce.cnr.it
URL: <http://www.futurecentre.telecomitalia.it/eng>

Open Conference; 8th Conference on Formal Description Techniques for
Distributed Systems and Communication Protocols (FORTE'2003);
WG 6.1;
29 September-2 October, 2003; Berlin, Germany;
Email contact:
URL: <http://www-rnks.tu-cottbus.de/events/forte2003>

Open Conference; Communication and Multimedia Security'2003
TC6+TC11;
2-3 October, 2003; Torino, Italy
Email contact: info.cms2003@security.polito.it
URL: <http://security.polito.it/cms2003>

Working Conference; 2nd Conference on Network Control and Engineering
for QoS, Security and Mobility (Netcon)
WG 6.2+WG 6.6 + WG 6.7 + WG 6.8;
13-15 October, 2003; Oman;
Email contact: naamany@squ.edu.om
URL:

Workshop; 14th Distributed Systems and Operation Management Workshop
(DSOM' 2003);
WG 6.6 + IEEE
20-22 October, 2003; Heidelberg, Germany;
Email contact:
URL: <http://www.dsom2003.org>

Working Conference; 5th International Conference on Active Networks;
WG6.7;
27-29 October, 2003; Nara, Japan;
Email contact: takada@sdl.hitachi.co.jp (Osamu Takada)
URL :

Working Conference; 8th International Conference on Intelligence in
Networks (Smartnet'2003);
WG 6.7;
Fall 2003; Troyes, France;
Email contact: Dominique.Gaiti@utt.fr
URL:

Working Conference; 6th Conference on Formal Methods for Open Object -
based Distributed Systems(FMOODS'2003)
WG 6.1;
17-21 November, 2003; Paris, France;
Email contact:
URL:

Working Conference; 4th Conference on Distributed Applications and
Interoperable Systems(DAIS'2003)
WG 6.1;
17-21 November, 2003; Paris, France;
E-mail contact:
URL:

Workshop; 5th International Workshop on Distributed Computing
(IWDC'2003)
TC6 + IEEE;
27-30 December, 2003; Calcutta, India;
E-mail contact: ds@iimcal.ac.in

8. TC6 meeting attendance

Since the last report there was only one TC6 meeting, which was held in Lisboa, Portugal. It was attended by 28 delegates.

The 30th anniversary of TC6 was celebrated during this meeting. TC6 is thankful to the IFIP President, Prof. Klaus Brunnstein, by having kindly agreed to be present in Lisbon to participate in the TC6 meeting for this special occasion. TC6 also thanks the participation of the IFIP Executive Director, Plamen Nedkov, and of five past TC6 members, who have also kindly accepted to be present in the meeting.

The TC6 meeting attendance is in Annex to this report.

8. Request for nomination of delegates

TC6 requests nomination of delegates from the Computer Societies of the following countries: Chile, Croatia, Cyprus, Egypt, Ireland, Israel, Korea, Lithuania and Singapore. These are the only IFIP countries which are not represented in TC6.

TC6 requests the substitution of the delegates of Greece, India and Malaysia. The delegate of Greece did not attend the last six TC6 meetings and the delegates from India and Malaysia never attended a TC6 meeting since their nomination a few years ago.

PART II

The name “E-Commerce: multidisciplinary research and practice” for WG 8.4 has not been accepted in a previous TA because it was too general and could include aspects of E-Commerce that are within the area of activity of other TCs.

TC6 suggests that the name “Electronic Commerce – Information Systems” is adopted for WG 8.4. This would fit nicely with the name chosen by TA for WG 6.11, “Electronic Commerce – Communication Systems”.

ANNEX

TC6 Meeting Attendance

Meeting No	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	
Albania	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n		x											
Armenia	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n													
Argentina						x																									
Australia		x		x	x		x			x		x	x	x																x	
Austria				x	x						x	x	x	x	x	x	x	P	x		x		x		P	x			P		
Belarus																					x	x									
Belgium	x		x	x	x		x	x			x		x			x	x		x	x	x	x		x	x	x		x	x	x	
Brazil		x		x		x																		x	x					x	
Bulgaria	x		x	x	x	x	x	x	x		x	x	x	x	x			x	x	x	x	x	x	x	x	x	x	x	x	x	
Canada															x	x		x		x		x		x	x	x	x				
China														x	x				x				x							P	
Czech Republic	n	n	n	n	n	n	n	n	n	n		x	x	x	x	x	x		x	x	x	x	x	x	x	x	x		x	x	
Denmark			x		x		x		x		x	x	x	x		x	x	x	x	x	x	x		x	x	x		x		x	
Finland	x		x		x			x	x		x	x	x	x	x	x	x		x	x	x		x	x		x	x		x		
France	x	x	x	x	x		x	x		x	x	x	x	x		x	x				x	x	x		x	x			x	x	
Germany	x		x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Greece	n	n	n	n	n	n	n	n	n	n	n	n	n	n							x	x		x	x						
Hungary	x	x	x	x	x		x	x	x		x	x	x		x				x	x		x	x	x	x			x	x	x	
India		x	x	x	x			x	x	x				x	x	x															
Italy			x	x					x		x										x								x	x	
Japan	x												x	x			x	x	x		x	x			x			x	x		
Malaysia	n	n	n	n	n	n	n	n	n	n		x	x	x		x	x					x									
Netherlands			x	x	x		x				x						x												x	x	x
Norway	x	x	x		x				x		x		x	x	x			x			x		x	x	x	x	x		x		x
Poland	x		x		x			x	x	x	x	x	x	x	x		x				x						x	x	x		
Portugal		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x					x	x	x	x	x	x	x	x	x	
SEARCC	x	x								x																					
Slovakia	n	n	n	n	n	n	n	n	n	n					x		x					x		x							
South Africa				x	x		x		x		x	x		x	x	x		x		x		x		x		x	x				
Spain	x	x		x	x	x	x	x		P	x		x			P	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Sweden	x	x	x	x	x	x		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
Switzerland	x		x	x	x		x				x		x			x	x		x	x	x		x		x		x	x	x	x	
Syria	n	n	n	n	n	n	n	n			x	x																			
Tunisia			x	x			x						x									x	x			x					
UK	x		x		x		x				x		x	x		x						x		x	x	x			x		x
USA	x	x	x	x	x	x	x	x							x		x	x				x			n	n					
USA/ACM	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
USA/IEEE CS	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
Zimbabwe				x		x									x				x												
WG 6.1	x		x	x	x				x		x		x			x	x			x	x	x	x	x	x	x	x	x	x	x	
WG 6.2	n	n	n	n	n	n	n	n	n	n	n	n	n	x	x	x	x			x	x	x	x		x	x	x	x	x	x	
WG 6.3	n	n	n	n	n	n	n	n	n	n	n	n	n	x		x	x			x		x						x	x	x	
WG 6.4			x	x	x		x	x	x	x	x	x	x	x	x	x	x			x	x	x		x	x	x	x	x	x	x	
WG 6.6		x	x	x	x			x			x	x				x					x							x	x	x	x
WG 6.7	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
WG 6.8	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
WG 6.9	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
WG 6.10	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
WG 6.11	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	
ICCC Represent.							x			x			x						P				x		P			P			

X = Attending

P = Proxy

n = not existing or not in IFIP

30	1/88	Sofia, Bulgaria	31	2/88	Singapore
32	1/89	Aachen, Germany	33	2/89	Lake Tahoe, USA
34	1/90	Budapest, Hungary	35	2/90	Iguaçu Falls, Brazil
36	1/91	Hammamet, Tunisia	37	2/91	Prague, Czechoslovakia
38	1/92	Saariselkä, Finland	39	2/92	Trivandrum, India
40	1/93	Versailles, France	41	2/93	Sofia, Bulgaria
42	1/94	Caniço, Portugal	43	2/94	Kuala Lumpur, Malaysia
44	1/95	Sun City, South Africa	45	2/95	Palma, Spain
46	1/96	Montreal, Canada	47	2/96	Nyanga, Zimbabwe
48	1/97	White Plains, NY; USA	49	2/97	Sofia, Bulgaria
50	1/98	Ladenburg, Germany	51	2/98	Tozeur, Tunisia
52	1/99	Copenhagen, Denmark	53	2/99	Szentendre, Hungary
54	1/2000	Paris, France	55	2/2000	Beijing, China
56	1/2001	Cape Town, South Africa	57	2/2001	Zurich, Switzerland
58	1/2002	Saariselka, Finland	59	2/2002	Lisboa, Portugal