



As we have to start the preparation for the upgrade of our SG to TC, we should have a next business meeting sometime before the next General Assembly. So far there are three possible venues.

- (a) Edutainment06 (16-18 April, Hangzhou, China)
- (b) ACE06 (14-16 June, Los Angeles, USA)
- (c) SIGGRAPH06 (30 July-3 August, Boston, USA)

We are going to fix the venue based on the voting of the SG members.

### **3. Changes in membership and officers**

There have been several changes since the last report to the General Assembly in September 2005.

#### **3.1 National representative to SG16**

The Hungarian member society of IFIP nominated Barnabas Takacs to represent Hungary in SG16. Dr. Takacs graduated from Budapest Technical University in 1991 and spent most of his professional life in the US developing technologies like "digital cloning" and "facial tracking" in the film industry. Since this year he is leading a research group on Virtual Human Interfaces in the Computer and Automation Research Institute of the Hungarian Academy of Sciences. He can be reached at [BTakacs@digitalcustom.com](mailto:BTakacs@digitalcustom.com).

APDSI, the Portuguese IFIP Member Society appointed the following person as their representative in SG16

Prof. António da Nóbrega de Sousa da Câmara  
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#### **3.2 Chair and vice chair**

As three years have passed since the establishment of SG16, based on IFIP bylaw it is necessary to carry out the election of the next chair and co-chair. The election was carried out at the SG meeting held on September 19, 2005. Both Ryohei Nakatsu and Matthias Rauterberg were re-elected as a chair and a vice chair respectively.

#### **3.3 Secretary**

Dr. Benjamin (Ben) Salem, a researcher at Technical University of Eindhoven, the Netherlands, has replaced Claudio Pinhanes.

#### **3.4 SG members**

The present SG members are shown below

1	Bulgaria	Galia Angelova	(Prof., Burgalian Academy of Sciences)
2	Canada	Sidney Fels	(Prof., University of British Columbia)
3	China	Zhigeng Pan	(Prof., Zhejiang University)
4	Denmark	(to be nominated)	
5	Finland	Ville-Veikko Mattila	(Dr., Nokia Research Center)
6	France	Bruno Alnandi	(IRISA)
7	Germany	(to be nominated)	
8	Hungary	Barnabas Takacs	(Dr., Hungarian Academy of Sciences)
9	Ireland	Richard Reilly	(Lecturer, University College of Dublin)
11	Italy	Paolo Ciancarini	(Prof., University of Bologna)
12	Japan	Takehiko Kamae	(Dr., National Institute of Informatics)
13	Korea	Hyun S. Yang	(Prof., KAIST)
14	Netherlands	Matthias Rauterberg	(Prof., Technical University of Eindhoven)
15	Norway	Geir Egil Myhre	(Dr., University of Troms)
16	Portugal	Antonio Camara	(Prof., YDreams)
16	Singapore	Adrian David Cheok	(Prof., National University of Singapore)
17	Spain	Pedro Gonzalez Calero	(Prof., Complutense University of Madrid)
18	Thailand	Natanicha Chorpothong	(Dr., Assumption University)
17	United Kingdom	Marc Cavazza	(Prof., University of Teesside)
18	USA-ACM	Donald Marinelli	(Prof., Carnegie Mellon University)
19	USA-IEEE	(to be nominated)	

#### 4. SG16 conferences held since last report

##### 4.1 International Conference on Entertainment Computing (ICEC2005)

ICEC2005 took place in Sanda, Japan on September 19-21, 2005 and was organized by Prof. Ryhohei Nakatsu, the SG16 chair. As ICEC is one of the major activities of SG16, SG16 supported the conference as a major sponsor. Also IPSJ (Information Processing Society of Japan) supported the conference as a co-sponsor. (URL of ICEC2005: <http://ist.ksc.kwansei.ac.jp/icec2005/>)

The statistics of the conference are provided below.

- (a) 165 participants from 17 countries
- (b) More than 150 papers submitted
- (c) 65 papers were accepted and included in the proceedings
- (d) Four invited talks by distinguished researchers in the area of entertainment computing

##### 4.2 Related events of ICEC2005

To lead ICEC2005 into success, we have organized several workshops in conjunction with ICEC2005.

###### 4.2.1 Entertainment Computing 2005 (EC2005)

EC2005 is a domestic workshop on Entertainment Computing. Its main purpose is to activate the research activities of young researchers/students in this area and also to strengthen the relationship between academia and industry. The first EC workshop was held in 2003 in Osaka, Japan. The third EC workshop was held just before ICEC2005 on Sept 16-19 in Sanda, Japan. About 120 participants attended the workshop. Although the

workshop is mainly for Japanese attendees, several key members of the SG16 joined the workshop as keynote speakers. Also several joint events such as Wearable Fashion Show was held in cooperation with ICEC2005. (URL of EC2005: <http://www.entcomp.org/ec2005/>)

#### **4.2.2 International Ubiquitous Home Workshop**

After ICEC2005, International Ubiquitous Home Workshop was held on Sept. 22-23, 2005 in Kyoto, Japan. The theme of the workshop was "Ubiquitous Society and Entertainment." Although ICEC focuses mainly on entertainment technologies, it is well known that entertainment is strongly related to our life, society, art, and culture. Therefore we wanted to make this workshop an interdisciplinary one including keynote speech, panel discussions and presentations from areas such as sociology, psychology, philosophy, and so on. More than 150 people with various backgrounds such as technology, psychology, sociology, philosophy and art attended the workshop. On the first day we focused on the technologies on ubiquitous computing. On the second day, in addition to technical presentations several panel discussions were carried out focusing the interdisciplinary discussion. Fortunately fruitful discussions were carried out and we have promised that we would have this type of interdisciplinary workshop again soon. (URL of International Ubiquitous Home Workshop: [http://www2.nict.go.jp/jt/a135/resource/ubiquitous\\_ws2/index.html](http://www2.nict.go.jp/jt/a135/resource/ubiquitous_ws2/index.html))

#### **4.3 Other co-sponsored events**

##### **4.3.1 Mobility 2005**

The Second International Conference on Mobile Technology, Applications and Systems  
November 15-17, 2005  
Guangzhou, China

### **5. SG16 conferences to be held**

#### **5.1 ICEC2006**

ICEC2006 will be held in Cambridge, United Kingdom on September 20-22, 2005. Below is the list of the major organizing committee members.

General Conference Chair:

Richard Harper (Microsoft Research, UK)

International Program Committee Chair:

Matthias Rauterberg (TU Eindhoven, The Netherlands)

International Steering Committee:

Marc Cavazza (University of Teesside, UK)

Tak Kamae (Tokyo Women's Medical University, Japan)

Lizhuang Ma (Shanghai Jiao Tong University, China)

Don Marinelli (Carnegie Mellon University, USA)

Stéphane Natkin (CNAM, France)

Ryohei Nakatsu (Kwansei Gakuin University, Japan)

Matthias Rauterberg (TU Eindhoven, The Netherlands)

Peter Robinson (University of Cambridge, UK)

Andy Sloane (University of Wolverhampton, UK)

Bill Swartout (University of Southern California, USA)

## 5.2 Co-sponsored Events

### 5.2.1 Edutainment 2006

International Conference on E-learning and Games  
April 16-19, 2006  
Hangzhou, China

General chairs:      Jiaoying Shi (China)  
                             Jose Encamacao (Germany)  
                             Steve Cunningham (USA)

### 5.2.2 ACE2006

International Conference on Advances in Computer Entertainment Technology 2006  
June 14-16, 2006  
Hollywood, Los Angeles, USA

General chairs:      Hiroshi Ishii (USA)  
                             Newton Lee (USA)  
                             Stephane Nativin (France)  
                             Katsuhide Tsushima (Japan)

## 6. Other SG16 activities

### 6.1 SG16 web page

To advertise the activities of SG16 we have prepared a new web page for SG16. The URL of the web page is <http://www.org.id.tue.nl/IFIP-SG16/index.html/>

### 6.2 Publications

Proceedings of ICEC2005 held in Sanda, Japan, on September 19-21 was published from Springer as one of the Springer Lecture Notes on Computer Science series.

Also proceedings of ICEC2006 will be published from Springer as one of the LNCS series.

## Working Groups

### 1. WG16.1 Digital Storytelling

Chair: Marc Cavazza (UK)

(a) Meetings

WG16.1 meeting was held in Sanda, Japan on September 19-21, 2005 at the time of ICEC2005.

Next WG16.1 meeting will be held in Los Angeles, USA on June 14-16, 2006 during ACE2006.

(b) Events

## **2. WG16.2 Entertainment Robot**

Chair: Hitoshi Matsubara (Japan)

(a) Meetings

WG16.2 meeting was held in Sanda, Japan on September 19-21, 2005 at the time of ICEC2005.

Next WG16.2 meeting will be held in Bremen, Germany on June 14-20, 2006 during RoboCup 2006.

(b) Events

Exhibition: RoboCup 2006

Place: Bremen, Germany

Time: June 14-20, 2006

<http://www.robocup2006.org/>

(c) Activities

So far the only activity of WG16.2 is related to the RoboCup activity. RoboCup 2006 will be held in Bremen, Germany during the Football Worldcup. It is necessary for the group to widen the area of activities from the RoboCup into more entertainment robots.

## **3. WG16.3 Theoretical Foundation of Entertainment Computing**

Chair: Matthias Rauterberg

(a) Meetings

WG16.3 meeting was held in Sanda, Japan on September 19-21, 2005 at the time of ICEC2005. Next WG16.3 meeting will held in Hangzhou, China on April 16-19, 2006 at the time of Edutainment2006.

(b) Activities

They have recruited a couple of new members. Also they are trying to link the WG interests with on-going events.

## **4. WG16.4 Games and Entertainment Computing**

Chair: Jaap van den Herik (Prof., University of Maastricht, Netherlands)

(a) Meetings

WG16.3 meeting was held in Sanda, Japan on September 19-21, 2005 at the time of ICEC2005.

(b) Activities

They are going to arrange the next meeting in Turino, Italy in May 2006 during a chess championship and a game conference.

## **5. WG16.5 Social and Ethical Issues in Entertainment Computing**

Chair: Andy Sloane (Prof., University of Wolverhampton, UK)

### (a) Meetings

WG16.3 meeting was held in Sanda, Japan on September 19-21, 2005 at the time of ICEC2005.

### (b) Activities

AS a fairly new group, they have spent a few months discussing the scope of this WG. They have established a mailing list and some online community. They have now around nine active members. There is quite some overlap over TC9 with similar but not exactly the same focus. The next step would be to organize an event in 2006, probably a workshop in Wolverhampton.

## Part 2: Technical Assembly 2006 (Palma de Mallorca, Spain)

### SG16 Members (2006)

Chairman	
Japan	Ryohei Nakatsu
Vice-Chair	
Netherlands	Matthias Rauterberg
Secretary	
Netherlands	Benjamin Salem

### *National Representatives*

Bulgaria	Galia Angelova (Prof., Burgalian Academy of Sciences)
Canada	Sidney Fels (Prof., University of British Columbia)
China	Zhigeng Pan (Prof., Zhejiang University)
Denmark	(to be nominated)
Finland	Ville-Veikko Mattila (Dr., Nokia Research Center)
France	Bruno Alnandi (IRISA)
Germany	(to be nominated)
Hungary	Barnabas Takacs (Dr., Hungarian Academy of Sciences)
Ireland	Richard Reilly (Lecturer, University College of Dublin)
Italy	Paolo Ciancarini (Prof., University of Bologna)
Japan	Takehiko Kamae (Dr., National Institute of Infomatics)
Korea	Hyun S. Yang (Prof., KAIST)
Netherlands	Matthias Rauterberg (Prof., Technical University of Eindhoven)
Norway	Geir Egil Myhr (Dr., University of Troms)
Portugal	Antonio Camara (Prof., YDreams)
Singapore	Adrian David Cheok (Prof., National University of Singapore)
Spain	Pedro Gonzalez Calero (Prof., Complutense University of Madrid)
Thailand	Natanicha Chorpothong (Dr., Internet Association)
United Kingdom	Marc Cavazza (Prof., University of Teesside)
USA-ACM	Donald Marinelli (Prof., CMU)

### *WG16.x Chair persons*

WG16.1	Marc Cavazza
WG16.2	Hitoshi Matsubara
WG16.3	Matthias Rauterberg
WG16.4	Jaap van den Herik
WG16.5	Andy Sloane

**SG16 Meetings: Attendance**

<b>Nation/Year</b>	<b>02</b>	<b>03/1</b>	<b>03/2</b>	<b>04/1</b>	<b>05/1</b>	<b>Total</b>
Bulgaria	-	-	-	a	a	-
Canada	-	-	-	a	+	1
China	-	-	-	a	+	1
Denmark	-	-	-	-	-	-
Finland	-	-	-	+	+	1
France	-	-	-	+	a	1
Germany	-	-	-	-	-	-
Hungary	-	-	-	-	-	-
Ireland	-	-	-	a	a	-
Italy	-	-	-	+	a	1
Japan	+	+	+	+	+	5
Korea	-	-	-	+	+	2
Netherlands	+	+	+	+	+	5
Norway	-	-	-	+	a	1
Singapore	-	-	-	+	+	2
Spain	-	-	-	-	-	-
Thailand	-	-	-	a	a	-
United Kingdom	+	+	+	+	a	4
USA	+	a	a	+	a	2
WG16.1 Chair	+	+	+	+	a	4
WG16.2 Chair	+	a	a	+	+	3
WG16.3 Chair	+	+	+	+	+	5
WG16.4 Chair	-	-	-	-	+	1
WG16.5 Chair	-	-	-	-	+	1
	<b>02</b>	<b>03/1</b>	<b>03/2</b>	<b>04/1</b>	<b>05/1</b>	<b>Total</b>

— + representative attended — a apologies — r represented— o observer