

**TC14: Entertainment Computing**  
**Report to General Assembly and Technical Assembly**  
**Prague, Czech Republic, September 9 - 10, 2011**

Ryohei Nakatsu, TC14 Chair

## Part 1: General Assembly (Prague, Czech Republic)

### TC14 Entertainment Computing

[<http://www.org.id.tue.nl/IFIP-TC14/>]

#### 1. TC14 meetings held since last report

##### 1.1 Tenth meeting

The tenth TC14 meeting took place during ICEC2010 on 11th September 2010 in Seoul Korea. Below are the list of the participants and the agenda.

#### TC officers:

Ryohei Nakatsu	(National University of Singapore, Chair)
Matthias Rauterberg	(Technical University of Eindhoven, Vice-chair)
Tim Marsh	(National University of Singapore, Secretary)

#### National Representatives:

Czech	David Obdrzalek (Charles University)
Canada	Sidney Fels (University of British Columbia)
France	Emmanuel Guardiola (proxy to Stephane Natkin)
Germany	Rainer Malaka (University of Bremen)
Japan	Junichi Hoshino (Tsukuba University)
Korea	Hyun Yang (KAIST)
The Netherlands	Matthias Rauterberg (Technical University of Eindhoven)
Singapore	Ryohei Nakatsu (proxy for Adrian Cheok)
USA-ACM	Don Marinelli (CMU)

#### Absent Excused:

China	Zhigeng Pan (Zhejiang University)
UK	Mark Cavazza (University of Teesside)
Spain	Pedro Gonzalez Calero (Complutense University of Madrid)

#### WG chairs:

WG14.1 chair:	Matthias Rauterberg (proxy for Marc Cavazza)
WG14.2 chair:	David Obdrzalek (Charles University, Czech)
WG14.3 chair:	Matthias Rauterberg (Technical University of Eindhoven, Netherland)
WG14.7 chair:	Naoko Tosa (Kyoto University, Japan)

**Agenda:**

Approval of the minutes of the previous TC14 meeting  
 Change of officers and members  
 Progress of ICEC2010 - paper reviews, keynote speakers, banquet and events, workshops  
 Progress of ECS 2010 Program  
 Progress of ICEC2011  
 Working groups activities  
 Entertainment Computing Journal  
 Any other business (AOB)

**1.2 Eleventh meeting**

The eleventh TC14 meeting took place on 18th May 2011 in Vancouver Canada. Below are the list of the participants and the agenda.

**TC officers:**

Ryohei Nakatsu (National University of Singapore, Chair)  
 Matthias Rauterberg (Technical University of Eindhoven, Vice-chair)  
 Tim Marsh (National University of Singapore, Secretary)

**National Representatives:**

Canada Sidney Fels (University of British Columbia)  
 Germany Rainer Malaka (University of Bremen)  
 Japan Ryohei Nakatsu (proxy to Junichi Hoshino)  
 Korea Hyun Yang (KAIST)  
 The Netherlands Matthias Rauterberg (Technical University of Eindhoven)  
 USA-IEEE Nahum Gershon (The Mitre Cooperation)

**Absent Excused:**

France Stephane Natkin (CNAM)  
 Czech David Ovdzalek (Charles University)  
 UK Mark Cavazza (University of Teesside)  
 USA-ACM Don Marinelli (CMU)

**WG chairs:**

WG14.1 chair: Matthias Rauterberg (proxy for Marc Cavazza)  
 WG14.2 chair: Ryohei Nakatsu (proxy for David Ovdzalek)  
 WG14.3 chair: Matthias Rauterberg (Technical University of Eindhoven, Netherland)  
 WG14.4 chair: Ryohei Nakatsu (proxy to Stephane Natkin)  
 WG14.7 chair: Naoko Tosa (Kyoto University, Japan)

**Guests:**

Magy Seif El-Naser (SBU, Canada)

**Agenda:**

Acceptance of the minutes of the previous TC14 meeting in Seoul  
 Change of officers and members  
 Progress of ICEC2011 - paper reviews, keynote speakers, banquet and events, workshops  
 Host for ICEC 2012 - proposals: Magy Seif El-Naser (Spain), Rainer Malaka (Germany)

Potential host for ICEC 2013  
 Working groups activities  
 Entertainment Computing Journal  
 Any other business (AOB)

**2. TC14 meetings scheduled until next IFIP General Assembly**

The 12th TC14 meeting will be held at the time of ICEC2011 (International Conference on Entertainment Computing) that will be held on September 08 - 11, 2011 in Vancouver, Canada. Also the 13th TC14 meeting will be held in the spring of 2012.

**3. Changes in membership and officers**

**3.1 TC14 officers and members**

There has been no change since the last report to the General Assembly 2010.

**3.2 TC members**

The TC members as of 31st August 2011 are shown below.

**TC officers**

Chair	Ryohei Nakatsu (Prof., National University of Singapore)
Vice-chair	Matthias Rauterberg (Prof., Technical University of Eindhoven)
Secretary	Tim Marsh (Dr., National University of Singapore)
Industrial liaison	Claudio Pinhanez (Dr., IBM)

**National Representative**

1	Australia	Steven Hansen (A/Prof., University of Western Sydney)
2	Austria	Peter Purgathofer (Prof., Vienna University of Technology)
3	Bulgaria	Galia Angelova (Prof., Burgalian Academy of Sciences)
4	Canada	Sidney Fels (Prof., University of British Columbia)
5	China	Zhigeng Pan (Prof., Zhejiang University)
6	Czech	David Obdrzalek (Prof., Charles University)
7	Finland	Ville-Veikko Mattila (Dr., Nokia Research Center)
8	France	Stephane Natkin (Prof., CNAM)
9	Germany	Rainer Malaka (Prof. University of Bremen)
10	Hungary	Barnabas Takacs (Dr., Hungarian Academy of Sciences)
11	Ireland	Richard Reilly (Dr., University College of Dublin)
12	Italy	Paolo Ciancarini (Prof., University of Bologna)
13	Japan	Junichi Hoshino (A/Prof., Tsukuba University)
14	Korea	Hyun S. Yang (Prof., KAIST)
15	Netherlands	Matthias Rauterberg (Prof., Technical University of Eindhoven)
16	Norway	Geir Egil Myhre (Dr., University of Troms)
17	Portugal	Nuno Correia (Prof., New University of Lisbon)
18	Singapore	Adrian David Cheok (A/Prof., National University of Singapore)

19 Spain	Pedro Gonzalez Calero (Prof., Complutense University of Madrid)
20 Thailand	Natanicha Chorpothong (Dr., Assumption University)
21 United Kingdom	Marc Cavazza (Prof., University of Teesside)
22 USA-ACM	Donald Marinelli (Prof., Carnegie Mellon University)
23 USA-IEEE	Nahum Gershon (Dr, The MITRE Corporation)
24 Zambia	Milner Makuni (Mr., Afriswitch PVT Limited)

**WG Officers**

WG14.1 chair:	Marc Cavazza (Prof., University of Teesside)
WG14.2 chair:	David Obdrzalek (Prof., Charles University)
WG14.3 chair:	Matthias Rauterbeg (Prof., Technical University of Eindhoven)
WG14.4 chair:	Stephane Natkin (Prof., CNAM)
WG14.5 chair:	Lynne Baillie (A/Prof., Glasgow Calendonian University)
WG14.6 chair:	Lyn Pemberton (Reader, University of Brighton)
WG14.7 chair:	Naoko Tosa (Prof., Kyoto University)

**Observers**

European Commission Liaison:	Leonie Schaeffer
IEEE Computer Science	Miguel Encarnacao (Dr., Imedia Inc.)
DiGRA:	Tony Manninen (Prof. University of Oulu)

**Honorary Members**

Japan:	Takehiko Kamae (Dr., National Institute of Technology)
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**4. TC14 conferences held since last report****4.1 Sponsored events****4.1.1 ICEC 2010**

The 8th International Conference on Entertainment Computing

September 03 – 05, 2009

COEX, Seoul, Korea

Honorary Chairs:	Roy Ascott (Planeray Collegium, UK) Susumu Tachi (Keio University, Japan)
General Chairs:	Hyun Seung Yang (KAIST, Korea) Ryohei Nakatsu (NUS, Singapore) Don Marinelli (CMU, USA)
Organizing Chairs:	Matthias Rauterberg (Technical University of Eindhoven, The Netherlands) Fumio Kishino (Osaka University, Japan) Young Jik Lee (ETRI, Korea)
Program Chairs:	Jun Hyun Han (Korea University, Korea) Junichi Hoshino (Tsukuba University, Japan) Rainer Malaka (University of Bremen, Germany)
Workshop Chairs:	Yoomi Choi (Ewha University, Korea) Jung Min Lee (K'Arts, Korea) Dongho Kim (Soongsil University, Korea)
Exhibition Chair:	Jiyoung Lee (CMU, USA)

**International Steering Committee:**

Ryohei Nakatsu (NUS, Singapore)  
Marc Cavazza (University of Teesside, UK)  
Zhigeng Pan (Zhejiang University, China)  
Stephane Natkin (CNAM/ENJMIN, France)  
Don Marinelli (Carnegie Mellon University, USA)  
Hyun S. Yang (KAIST, Korea)  
Roy Ascott (University of Plymouth, UK)  
Sara Diamond (Ontario College of Art and Design, Canada)  
Scott Fischer (University of Southern California, USA)

**4.2 Co-Sponsored events****4.2.1 EuroITV2011**

9th European Conference on Interactive TV and Video

June 29 – July 1, 2011

Lisbon, Portugal

General Chair: Manuel Jose Damasio (Portugal)  
Gustavo Cardoso (Lisbon Internet and Networks Institute, Portugal)  
Program Chairs: Pablo Cesar (CWI, The Netherlands)  
Jan Hess (University of Siegen, Germany)

**5. TC14 conferences to be held****5.1 Sponsored events****5.1.1 ICEC2011**

The 9th International Conference on Entertainment Computing

Simon Fraser University, Vancouver, Canada

October 05 – 08, 2011

General chairs: Sidney Fels (University of British Columbia, Vancouver, BC, Canada)  
Magy Seif El-Naser (SFU, Vancouver, BC, Canada)

Conference Advisory Committee:

Ryohei Nakatsu, National University of Singapore  
Matthias Rauterberg, Technical University of Eindhoven

Technical Paper Chairs:

Junia Anacleto (Federal University of Sao Carlos, SP, Brasil)  
Nick Graham (Queens University, Kingston, ON, Canada)

**5.1.2 ICEC2012**

The 10th International Conference on Entertainment Computing

September, 2012

University of Bremen, Bremen, Germany

General Chair: Rainer Malaka (University of Bremen, Germany)

Conference Advisory Committee:

Ryohei Nakatsu, National University of Singapore

Matthias Rauterberg, Technical University of Eindhoven

## **5.2 Co-sponsored Events**

The following conferences will be held as IFIP TC14 co-sponsored events. The details of the conference will be decided soon and appear on their web site.

- 1 EuroITV2012
- 2 Edutainment2012
- 3 ACE2011

## **6. Other TC14 activities**

### **6.1 Conference Proceedings**

The proceedings of ICEC2010 have been published from Springer as one of the LNCS series. The proceedings of ICEC2011 will be published from Springer as one of the LNCS series.

### **6.2 Publications**

TC14 and Elsevier agreed to start a new journal “International Journal on Entertainment Computing.” Contracts have been signed and exchanged between IFIP, IFIP TC14 and Elsevier. Also we have composed a group of Editors-in-Chief, Co-Editors-in-Chief and Associate Editors. Already several issues of the journal have been published.

## **Working Groups**

### **1. WG14.1 Digital Storytelling**

Chair: Marc Cavazza (Prof., University of Teesside, UK)

#### **(a) Meetings**

WG14.1 meeting was held during Third International Conference on Interactive Digital Storytelling (ICIDS 2010) that was held in Edinburgh, UK on November 01 - 03, 2010. Next WG14.1 meeting will be held in Vancouver, Canada on October 05-08, 2011 during ICEC2011.

#### **(b) Members**

Stephane Natkin (FR), Stephane Donikian (FR), Ana Paiva (PT), Nuno Correia (PT), Michael Young (US), Ulrike Spierling (D), Nicolas Szilas (CH), Federico Peinado (ES)

(c) Events

Third International Conference on Interactive Digital Storytelling (ICIDS 2010)

Dates: November 01 – 03, 2010

Venue: Edinburgh, UK

Co-Chairs: Ruth Aylett, Paolo Petta, Mark Riedl

Organization Committee Chair: Sandy Louchart

**2. WG14.2 Entertainment Robot**

Chair: David Obdrzalek (Prof. Charles University, Czech)

(a) Meetings

WG14.2 meeting was held in Prague, Czech on June 15 - 17, 2011 during EUROBOT 2011.

Next WG14.2 meeting will be held in Vancouver, Canada on October 05 - 08, 2011 during ICEC2011.

(b) Events

EUROBOT 2011

Date: June 15 – 17, 2011

Venue: Charles University, Prague, Czech

**3. WG14.3 Theoretical Basis of Entertainment**

Chair: Matthias Rauterberg (Prof., Technical University of Eindhoven, The Netherlands)

(a) Meetings

WG14.3 meeting was held in Seoul, Korea on September 08 - 11, 2010 in conjunction with TC14 meeting. Next WG14.3 meeting will be held in Vancouver, Canada on October 05 - 08, 2011 during ICEC2011.

(b) Members

Matteo Bittanti (ITALY), Johanna Blakley (USA), Brad Bushman (USA), Suely Fragoso (BRAZIL), Jeanne B. Funk (USA), Susan Gold (USA), Haruhiro Katayose (JAPAN), Fátima Lasay (PHILIPPINE), Noriko Nagata (JAPAN), Bary W. Pollack (USA), Matthias Rauterberg (NETHERLANDS), Bill Swartout (USA), Peter Vorderer (USA/GERMANY)

*Observers:* Jason Della Rocca (CANADA), Jeffrey Goldstein (NETHERLANDS)

(c) Events

**4. WG14.4 Games and Entertainment Computing**

Chair: Stephane Natkin (Prof., CNAM, France)

**(a) Meetings**

WG14.4 meeting was held in Seoul, Korea on September 08 - 11, 2010 in conjunction with TC14 meeting. Next WG14.4 meeting will be held in Vancouver, Canada on October 05 - 08, 2011 during ICEC2011.

**(b) Members**

Jaap Van Den Herik (chair), Hiroyuki Iida (vice-chair), Jos Uiterwijk (secretary), Brad Bushman, Paolo Ciancarini, Pedro Conzalez-Calero, Wijnand IJsselsteijn, Graham Kendall, Jong Weon Lee, Andre Melzer, Anton Nijholt, Abdennour El Rhalibi, Timothy Roden, Jonathan Schaeffer, Pieter Spronck, Mark Winands, Woontak Woo, Hyun S. Yang

**(c) Events****5. WG14.5 Social and Ethical Issues in Entertainment Computing**

Chair: Lynne Baillie (A/Prof., Glasgow Calendonian University, UK)

**(a) Meetings**

WG14.5 meeting was held Seoul, Korea on September 08 - 11, 2010 in conjunction with TC14 meeting. Next WG14.5 meeting will be held in Vancouver, Canada on October 05 - 08, 2011 during ICEC2011.

**(b) Members**

Claire Dormann (CA), Porfirio Barroso Asenjo (ES), Lynne Baillie (GB), Christopher Zielinski (GB), Suzana Stojakovic-Celustka (HR), Ryohei Nakatsu (SG), Brad Bushman (US), Jeanne Funk (US)

**(c) Events****6. WG14.6 Interactive TV**

Chair: Lyn Pemberton (Dr., University of Brighton, UK)

**(a) Meetings**

WG14.6 meeting was held in Seoul, Korea on September 08 - 11, 2010 in conjunction with TC14 meeting. Also another WG14.6 meeting was held in Tampere, Belgium on 09 – 11 June, 2010 during EuroITV2011. Next WG14.6 meeting will be held in Vancouver, Canada on October 05 - 08, 2011 during ICEC2011.

**(b) Members**

Pablo Cesar (secretary, The Netherlands), Konstantinos Chorianopoulos (vice-chair, Germany), Owen Daly-Jones (UK), Mike Darnell (USA), Luis Fernando Gomes Soares (Brazil), David Geerts (Belgium), Shang Hsu (Taiwan), Jens F Jensen (Denmark), Tibor Kunert (Germany), Georgios Lekakos (Greece), Artur Lugmayr (Finland), Judith Masthoff



(UK), Marianna Obrist (Austria), Lyn Pemberton (chair, UK), Célia Quico (Portugal), Mark Springett (UK), Zhang Liping (China)

(c) Events

9th European Conference on Interactive TV and Video

June 29 – July 1, 2011

Lisbon, Portugal

General Chair: Manuel Jose Damasio (Portugal)

Gustavo Cardoso (Lisbon Internet and Networks Institute, Portugal)

Program Chairs: Pablo Cesar (CWI, The Netherlands)

Jan Hess (University of Siegen, Germany)

## **7. WG14.7 Art and Entertainment**

Chair: Naoko Tosa (Prof., Kyoto University, Japan)

(a) Meetings

WG14.7 meeting was held in Seoul, Korea on September 08 - 11, 2010 in conjunction with TC14 meeting. Next WG14.7 meeting will be held in Vancouver, Canada on October 05 - 08, 2011 during ICEC2011.

(b) Members

Gerfried Stocker(Austria), Christian Warocquier (France), Gert van Tonder (Japan), Michihiko Mihoh (Japan), Soh Yeong Roh (Korea), Roy Ascott (UK), Bryan Loyall (USA), Claudio Pinhanez (USA), Erriki Hutamo (USA), Hisham M Bizri (USA), Jeffrey Huang (USA), Newton Lee (USA), Rod Brooks (USA), Scott Fischer (USA)

(c) Events

The Ninth International Conference on Creating, Connecting and Collaborating through Computing

Date: January 18 - 20, 2010

Venue: Kyoto University, Kyoto, Japan

Honoraty Chairs: Alan Kay (Viewpoints Research Institute, USA)

Mokoto Nagao (National Diet Library, Japan)

Conference Chairs: Hajime Kita (Kyoto University, Japan)

Ian Piumarta (Viewpoints Research Institute, USA)

Program Chairs: Robert Hirschfeld (Hasso Plattner Institute Postdam, Germany)

Serge Stinchwich (Institute de Recherche pour le Developpement, Vietnam)

Symposium on Media Art (Held as a part of Solo Exhibition by Naoko Tosa)

Date: September 3, 2011

Venue: Japan Creative Centre, Singapore

Organizer: Ryohei Nakatsu (National University of Singapore, Singapore)

## Part 2: Technical Assembly 2011 (Prague, Czech Republic)

### TC14 Members (2011)

#### *Officers*

Chairman Singapore	Ryohei Nakatsu
Vice-Chair The Netherlands	Matthias Rauterberg
Secretary Singapore	Tim Marsh
Industrial Liaison Brazil	Claudio Pinhanez

#### *National Representatives*

Australia	Steve Hansen (Prof., University of Western Sydney)
Austria	Peter Purgathofer (Prof., Vienna University of Technology)
Brazil	Claudio Pinhanez (Dr., IBM)
Bulgaria	Galia Angelova (Prof., Burgalian Academy of Sciences)
Canada	Sidney Fels (Prof., University of British Columbia)
China	Zhigeng Pan (Prof., Zhejiang University)
Czech	David Obdrzalek (Prof., Charles University)
Denmark	(to be nominated)
Finland	Ville-Veikko Mattila (Dr., Nokia Research Center)
France	Stephane Natkin (Prof., CNAM)
Germany	Rainer Malaka (Prof., University of Bremen)
Hungary	Barnabas Takacs (Dr., Hungarian Academy of Sciences)
Ireland	Richard Reilly (Dr., University College of Dublin)
Italy	Paolo Ciancarini (Prof., University of Bologna)
Japan	Junich Hoshino (A/Prof., Tsukuba University)
Korea	Hyun S. Yang (Prof., KAIST)
Netherlands	Matthias Rauterberg (Prof., Technical University of Eindhoven)
Norway	Geir Egil Myhr (Dr., University of Troms)
Portugal	Nuno Correia (Prof., New University of Lisbon)
Singapore	Adrian David Cheok (A/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., Carnegie Mellon University)
USA-IEEE	Nahum Gershon (Dr., The MITRE Cooperation)
Zimbabwe	Miler Makuni (Mr., Afriswitch PVT Limited)

#### *WG14.x Chair persons*

WG14.1	Marc Cavazza
WG14.2	David Obdzalek
WG14.3	Matthias Rauterberg

WG14.4     Stephane Natkin  
WG14.5     Lynne Baillie  
WG14.6     Lyn Pemberton  
WG14.7     Naoko Tosa

*Observers*

European Commission Liaison:	Leonie Schaeffer
IEEE Computer Science	Miguel Encarnacao (Dr., Imedia Inc.)
DiGRA:	Tony Manninen (Prof. University of Oulu)

*Honorary Members*

Japan:           Takehiko Kamae (Dr., National Institute of Technology)

## TC14 Meetings: Attendance

Nation	Year	02	03/ 1	03/ 2	04/ 1	05/ 1	06/ 1	06/ 2	07/ 1	07/ 2	08/ 1	08/ 2	09/ 1	09/ 2	10/ 1	10/ 2	11/ 1	Total	
Australia											a	+	a	a	a	-	-	1	
Austria					-	-	-	a	+	a	a	a	a	a	a	-	-	1	
Bulgaria					a	a	a	a	a	-	-	-	-	-	-	-	-	0	
Canada		-	-	-	a	+	a	a	a	a	+	a	a	+	a	+	+	5	
China			-	-	a	+	a	+	a	p	+	p	a	a	+	p	a	7	
Czech				-	-	-	-	+	+	+	+	a	a	+	+	a	+	5	
Finland					+	+	a	a	a	a	-	-	-	-	-	-	-	2	
France				-	+	a	a	a	a	a	p	+	+	+	+	a	+	p	7
Germany													+	+	+	+	+	5	
Hungary					-	-	+	a	a	+	a	a	a	a	a	a	a	2	
Ireland				-	a	a	a	a	a	-	-	-	-	-	-	-	-	0	
Italy			-	-	+	a	a	+	a	a	a	a	+	+	a	a	p	5	
Japan		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	p	16
Korea			-	-	+	+	a	+	a	+	+	+	a	a	+	+	+	9	
Netherlands		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	16	
Norway				-	+	a	a	a	a	-	-	-	-	-	-	-	-	1	
Portugal					-	-	+	a	a	-	-	-	-	-	-	-	-	1	
Singapore		-	-	-	+	+	+	+	a	a	+	a	a	p	p	p	p	9	
Spain						-	+	a	a	-	-	a	a	+	a	a	a	2	
Thailand					a	a	a	-	a	-	-	-	-	-	-	-	-	0	
United Kingdom		+	+	+	+	a	+	+	+	a	+	a	+	p	a	p	a	11	
USA-ACM		+	a	a	+	a	a	+	+	p	a	+	+	+	+	+	a	10	
USA-IEEE									+	a	a	a	+	a	+	a	+	4	
Zambia							-	-	a	a	a	-	-	-	-	-	-	0	
WG14.1 Chair		+	+	+	+	a	+	+	a	a	+	p	+	p	p	p	p	13	
WG14.2 Chair		+	a	a	+	+	+	+	+	+	+	a	a	+	p	p	p	12	
WG14.3 Chair		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	16	
WG14.4 Chair					+	+	a	+	a	p	a	p	a	+	p	p	p	9	
WG14.5 Chair					+	+	a	+	+	a	a	a	+	+	a	a	a	6	
WG14.6 Chair									+	p	a	a	+	+	a	a	a	4	
WG14.7 Chair									+	+	p	+	+	+	+	+	+	9	
		02	03/ 1	03/ 2	04/ 1	05/ 1	06/ 1	06/ 2	07/ 1	07/ 2	08/ 1	08/ 2	09/ 1	09/ 2	10/ 1	10/ 2	11/ 1	Total	

— + representative attended — a apologies — p proxy— o observer