

**WELCOME TO...**

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# **ITS 2014**

November 16-19, Dresden, Germany



Association for  
Computing Machinery



**SIGCHI**  
special interest group computer human interaction



# **ITS 2014 Interactive Tabletops and Surfaces**

# ORGANIZING COMMITTEE

## General Chairs

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**Raimund Dachzelt**

Technische Universität Dresden  
Germany



**Nicholas Graham**

Queen's University  
Canada

## Program Chairs

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**Kasper Hornbæk**

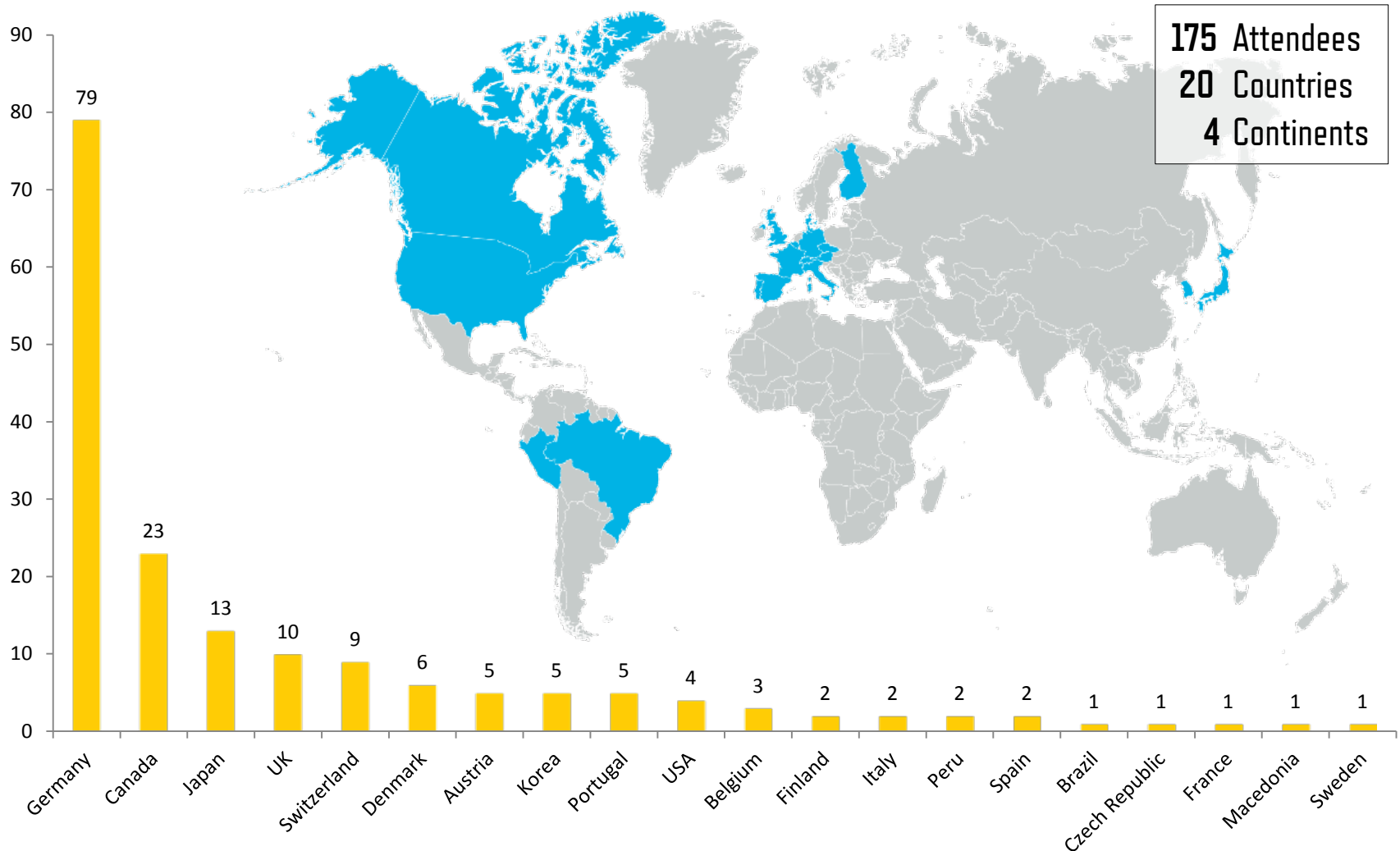
University of Copenhagen  
Denmark



**Miguel Nacenta**

University of St. Andrews  
United Kingdom

# WHERE ARE WE ALL FROM?



# CONFERENCE BAGS

...or where do I find my eProceedings?



# IMPORTANT INFORMATION

- WiFi access is available in the conference area

**SSID** ITS2014

**PASS** its2014conf

- In urgent cases, you may contact us at

**+49 (0) 1522 3836694**

# SOCIAL MEDIA

- Feel free to extensively use our **social media** streams



@ITS\_2014

#its2014conf



/ITS.2014

<http://flickr.com/its2014/>

- These **slides** can be **downloaded** at [its2014.org](http://its2014.org)
- Conference Apps for **iOS** and **Android** mobile devices



# ORGANIZING COMMITTEE

## Mobile Chairs

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**Eiji Hayashi**

Carnegie Mellon University  
USA



**Stephen Oney**

Carnegie Mellon University  
USA



**Jason Wiese**

Carnegie Mellon University  
USA

iTunes App Store or  
Google Play Store:  
search for **ACM ITS 2014**





# THANKS TO OUR SPONSORS



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# THANKS TO OUR SPONSORS



# ORGANIZING COMMITTEE

## Sponsors Chair

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**Stacey Scott**

University of Waterloo  
Canada

## Industry Chairs

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**David Smith**

Clemson University, South Carolina  
USA



**Edward Tse**

SMART Technologies  
Canada



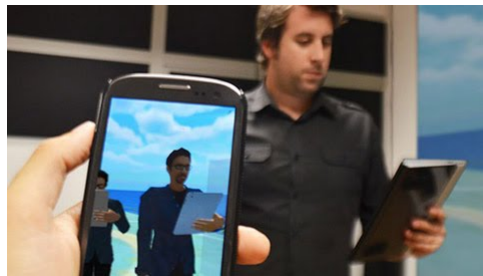
# TECHNICAL PROGRAM

- 31** Papers + Notes
- 23** Posters
- 14** Demos + **2** invited Demos + Exhibition
- 6** Doctoral Symposium Students
- 4** Workshops, Tutorials and Studios
- 2** Keynotes

# WORKSHOPS, TUTORIALS, STUDIOS & DS

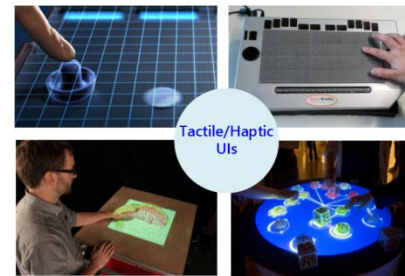
## **W** Collaboration Meets Interactive Surfaces: Walls, Tables, Tablets, and Phones

Craig Anslow, Pedro Campos, Alfredo Ferreira



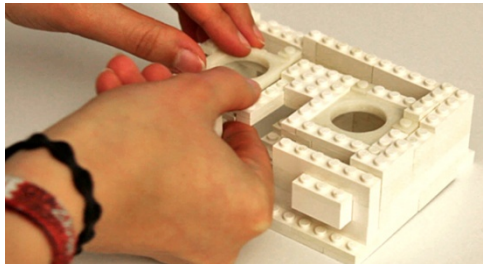
## **W** Tactile/Haptic User Interfaces for Tabletops and Tablets

Limin Zeng, Gerhard Weber



## **T** Hot Topics in Personal Fabrication Research

Stefanie Mueller, Alexandra Ion, Patrick Baudisch



## **S** TUIO Hackathon

Martin Kaltenbrunner, Florian Echtler

## **DS** Doctoral Symposium

6 PhD Students  
Distinguished Panel:  
Sheelagh Carpendale  
Andy Wilson

# ORGANIZING COMMITTEE

## Doctoral Symposium Chairs

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**Mark Hancock**  
University of Waterloo  
Canada



**Jürgen Steimle**  
Max Planck Institute for  
Informatics, Saarbrücken  
Germany

## Workshops, Tutorials & Studios Chairs

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**Kentaro Fukuchi**  
Meiji University  
Japan



**Nicolai Marquardt**  
University College London,  
United Kingdom

# OPENING & CLOSING KEYNOTES

**TODAY**

9:15-10:15

**Jun Rekimoto**

A New You: From Augmented Reality  
to Augmented Human



**WEDNESDAY**

15:15-16:15

**Joachim Sauter**

Sensitive Skins in Media Art and  
Design



# PAPERS + NOTES

- Standard Academic Track
  - Contribution focused on novelty
- Application Track
  - Application of surface technologies beyond the lab

# PEER-REVIEW-PROCESS

## Revise and Resubmit

- PC Members bidding
- PC Members perform one full review (as secondary)
- Externals are selected by two PC members
- At least 3 reviews per paper (total **356** full reviews)
- PC Committee meeting (remote)
- A small selection of papers invited to Revise and Resubmit (two weeks)

# PAPERS & NOTES

- **112** Submissions
- **31** papers and notes accepted (**5** notes)
- **27%** acceptance rate
  
- **1** Best Paper Award
- **1** Best Student Paper Award
- **4** Honorable Mentions
- Award ceremony will be during the banquet night

# PROGRAM COMMITTEE (35)

Jason Alexander, University of Lancaster, U.K.

François Berard, Grenoble Institute of Technology, France

Gilles Bailly, Max Plank Institute, Germany

Andy Crabtree, University of Nottingham, U.K.

Florian Echtler, University of Regensburg, Germany

Carl Gutwin, University of Saskatchewan, Canada

Mark Hancock, University of Waterloo, Canada

Ken Hinckley, Microsoft Research, U.S.

Uta Hinrichs, University of St Andrews, U.K.

Eve Hoggan, HIIT, Finland

Jonathan Hook, University of Newcastle, U.K.

Tommi Ilmonen, Multitou.ch, Finland

Petra Isenberg, INRIA, France

Yuichi Itoh, University of Osaka, Japan

Giulio Jacucci, University of Helsinki, Finland

Mikkel Jakobsen, University of Copenhagen, Denmark

Yvonne Jansen, INRIA, France

Ian Joscelyne, Promethean, U.K.

Nicolai Marquardt, University College London, U.K.

Paul Marshall, University College London, U.K.

Frank Maurer, University of Calgary, Canada

Emma Mercier, University of Illinois, U.S.

Mathieu Nancel, University of Canterbury, New Zealand

Esben W. Pedersen, Copenhagen University, Denmark

Johannes Schöning, Hasselt University, Belgium

Stacey Scott, University of Waterloo, Canada

David Smith, Clemson University, U.S.

Jürgen Steimle, Saarland University, Germany

Bruce Thomas, University of South Australia, Australia

Melanie Tory, University of Victoria

Edward Tse, SMART Technologies, Canada

Andy Wilson, Microsoft Research, U.S.

Frederic Vernier, Université Paris Sud, France

Katrin Wolf, T-Mobile Labs Berlin, Germany

Shengdong Zhao, Singapore National University, Singapore



# THANKS TO OUR...

## 176 Reviewers

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Adams Aliakseyeu Alt Annett Anslow Arif Azh Bakker Ballendat Bartindale Bartram Bateman Bau Bellucci Bennett Besacier Bhattacharya Bird Blanch Boring Borkowski Boyle Brock Brosz Chamberlain Chapuis Chen Cohe Collins Daiber Dang Danielescu Daring Dragicevic Eagan El-Glaly Fiebrink Elmqvist Fisher Fjeld Forlines Freeman Frisch Gehring Geiger Greenberg Gugenheimer Hakkila Haller Hargreaves Harrison Heimonen Heller Henze Hincapie-Ramos Holliman Holman Hornbek Hoste Houben Huang Huber Humayoun Ion Irani Isenberg Jankowski Jetter Jota Joyce-Gibbons Junuzovic Kaltenbrunner Karnik Khalilbeigi Kharrufa Kim Kirk Knudsen Kostakos Kristensson Langlotz Laurillau Lee Leithinger LeVan Lindeman Lischke Liu Lochtefeld Lopes Lui Luyten Iv Lyons Ma Malacria Maldonado Markussen Marner Martinez Matulic McNaughton Memarovic Moffatt Morris Morrison Nakajima Nowacka Olafsdottir Oulasvirta Paelke Pahud Pallant Paul Pederson Perrault Perteneder Peschel Pielot Pietriga Pietroszek Pietrzak Piper Radle Reeves Rennick-Egglestone Reuter Rick Robinson Rohs Roudaut Ruiz Sakamoto Sauras-Perez Serrano Seyed Schmitz Schnadelbach Shaer Shen Shizuki Somanath Stellmach Stuerzlinger Sugimoto Sun Tabard Taylor Tennent Thudt Tolmie Tomitsch Tsandilas Turner Valtchanov Vanacken VandeMoere Vatavu Vermeulen Voelker Vogel Wacharamanotham Wagner Wallace Walter Wardrip Weibel Wheatley Willett Williamson Wimmer Wyse Xiao Xin Yatani Zhang

# ORGANIZING COMMITTEE

## Program Chairs

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**Kasper Hornbæk**

University of Copenhagen  
Denmark



**Miguel Nacenta**

University of St. Andrews  
United Kingdom

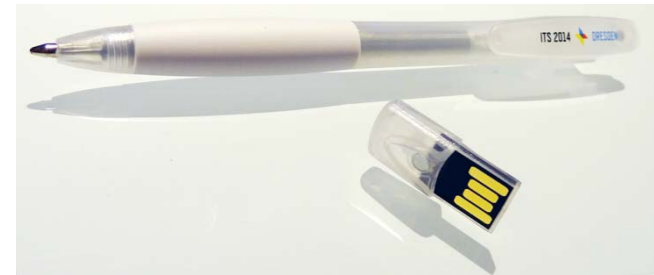
# PROCEEDINGS

## ACM Digital Library + on USB Pen

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<http://dl.acm.org/citation.cfm?id=2669485>

Free access of all PDFs



## Proceedings Chair

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**Fabrice Matulic**

Technische Universität Dresden  
Germany

# POSTERS & DEMOS

**TODAY**

15:30-16:10

Poster & Demo Madness

**TODAY**

18:30-22:00

Posters & Demos Night with **Buffet Dinner**

- **23** posters
- **14** demos
- Best Poster Award & Best Demo Award: **your choice!**



# ORGANIZING COMMITTEE

## Posters Chairs

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**Petra Isenberg**

INRIA  
France



**Johannes Schöning**

Hasselt University  
Belgium

## Demos Chairs

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**Christophe Bortolaso**

Queen's University  
Canada



**Ulrich von Zadow**

Technische Universität Dresden  
Germany

# ORGANIZING COMMITTEE

## Madness Chair

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**Roman Rädle**

University of Konstanz

Germany

# CULTURAL EVENTS

**TUESDAY**

12:00-13:00

Public **Organ Meditation** in the Frauenkirche  
(religious, in German)

**TUESDAY**

13:00-14:00

**Guided tour** of the Frauenkirche

English and German tours available

**WEDNESDAY**

13:00-14:00

**Historical experience tour** through city center

English, walking tour

**INFO**

Both tours require **registration** – see

[its2014.org/program](http://its2014.org/program) for registration link

# TOWNHALL MEETING

**TOMORROW**  
16:15-17:15 | Townhall Meeting

- Annual discussion about the ITS conference series
- Your feedback wanted!
- All welcome!



# ITS STEERING COMMITTEE

## Chair

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**Chia Shen**  
Harvard University



**Sheelagh Carpendale**  
University of Calgary



**Sharam Izadi**  
Microsoft Research



**Gerald Morrison**  
SMART Technologies, UCLC



**Miguel Nacenta**  
University of St. Andrews



**Sriram Subramanian**  
Bristol University



**Andy Wilson**  
Microsoft Research

# CONFERENCE BANQUET

**TUESDAY**

20:00-23:00

Ballroom Lindengarten

Königsbrücker Str. 121a  
1099 Dresden



- Featuring salon music by **Serenata Saxonia**
- Best paper award ceremony



## Bus Shuttle Transfer Times

19:15 Hilton → Lindengarten  
22:15 & 23:00 Lindengarten → Hilton

# ORGANIZING COMMITTEE

## Local Arrangements Chairs

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**Ramona Behling**

Technische Universität Dresden  
Germany



**Ricardo Langner**

Technische Universität Dresden  
Germany

## Local Supporters

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Konstantin Klamka, Technische Universität Dresden

Patrick Reipschläger, Technische Universität Dresden

Udo Wähler, Technische Universität Dresden

Ulrike Seifert, Hilton Hotel (Convention & Event Sales Manager)

Media Design Chair, Technische Universität Dresden

Esther Lapczynya, Mirko de Almeida Madeira Clemente, Grit Koalick

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## Web Chair

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**Annett Mitschick**

Technische Universität Dresden  
Germany

## Web & Design Chair

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**André Viergutz**

Technische Universität Dresden  
Germany

## Publicity Chair

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**Aaron Genest**

Solido Design Automation  
Canada

# ORGANIZING COMMITTEE

## Student Volunteers Chairs

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**Y.-L. Betty Chang**

University of Waterloo  
Canada



**Ulrike Kister**

Technische Universität Dresden  
Germany

# THANKS TO OUR...

## 19 Student Volunteers

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**Daniel Bösel**, Technische Universität Dresden

**Wolfgang Büschel**, Technische Universität Dresden

**Victor Cheung**, University of Waterloo

**Tamara Flemisch**, Technische Universität Dresden

**Nippun Goyal**, University of Waterloo

**Tom Horak**, Technische Universität Dresden

**Alexandra Ion**, Hasso Plattner Institute Potsdam

**Lukas Jürschick**, Technische Universität Chemnitz

**Konstantin Klamka**, Technische Universität Dresden

**Frosina Koceva**, University of Genova

**Tong Lili**, INSA de Lyon

**David Lindlbauer**, Technical University Berlin

**Katrin Plaumann**, Ulm University

**Lucas Recknagel**, Technische Universität Dresden

**Martin Schmitz**, Technische Universität Darmstadt

**Andreas Siegel**, Technische Universität Dresden

**Felix Thalmann**, Technische Universität Dresden

**Diane Watson**, University of Saskatchewan

**Alexandra Weiß**, Technische Universität Dresden

**THANK YOU ALL!**

Opening Keynote

# A New You: From Augmented Reality to Augmented Human

Jun Rekimoto



MONDAY

NOV 17, 2014

9:15-10:15