Wednesday, June 18th 2014

**Session 1**
**Adaptation**
Chair: Paolo Bottoni (La Sapienza - University of Rome)

- 11:00-11:30 Dynamically Adapting an AI Game Engine Based on Players’ Eye Movements and Strategies
  - Stefanie Wetzel, Katharina Spiel, Sven Bertel (Bauhaus-Universität Weimar, Germany)

- 11:30-12:00
  - What should adaptivity mean to interactive software programers? Mathieu Magnaudet, Stéphane Chatty (Université de Toulouse - ENAC, France)

- 12:00-12:30
  - Updating Database Schemas Without Breaking the UI: Modeling Using Cognitive Semantic Categories
  - Evangelos Kapos, Simon McGinnis (Trinity College, The University of Dublin, Ireland)

- 12:30-12:45
  - Towards a Multi-Stakeholder Engineering Approach with Adaptive Modelling Environments
  - Alfonso García Frey, Jean-Sébastien Sottet, Alain Vagner (Public Research Center Henri Tudor, Luxembourg)

- 12:45-13:00 Design Space for Focus+Context Navigation in Web Forms
  - Johannes Harms, Christoph Wimmer, Torin Kappel, Thomas Grechenich (Vienna University of Technology, Austria)

**Coffee break**

**Session 2**
**Frameworks for Cross-device Interaction**
Chair: Giuseppe Ghiani (CNR-ISTI)

- 14:30-15:00 A Framework for the Development of Multi-Display Environment Applications Supporting Interactive Real-Time Portals
  - Chi Taif Dang, Elisabeth Andre (Augsburg University, Germany)

- 15:00-15:30 User Interface Distribution in Multi-Device and Multi-User Environments with Dynamically Migrating Engines
  - Luca Frosini, Fabio Paternò (CNR-ISTI, Italy)

- 15:30-16:00 XDKinect: Development Framework for Cross-Device Interaction using Kinect Michael Nebeling, Elena Teunissen, Maria Huisman, Moira Norrie (ETH Zurich, Switzerland)

**Coffee break**

**Session 3**
**Collaborative Environments**
Chair: Anke Dittmar (University of Rostock, Germany)

- 16:30–17:00 Interaction Design Patterns for Coherent and Reusable Shape Specifications of Human-Robot Collaboration
  - Tina Mioch, Wietse Ledegang, Rossie Paulissen, Mark Neerincx, Jurriaan van Diggelen (TNO, The Netherlands)

- 17:00–17:30 Multi-Models-Based Engineering of Collaborative Systems: Application to Collision Avoidance Operations for Spacecrafts
  - Célia Martinie, Eric Barboni, David Navarre, Philippe Palanque, Racim Fahsii (University of Toulouse, France), Erwan Poupart, Eliane Cubero-Castan (CNES, France)

**Coffee break**

**Session 4**
**Doctoral Consortium Report**

- 18:00–18:30 Welcome Cocktail

Thursday, June 19th 2014

**Session 5**
**Multimodal and Web Applications**
Chair: Laurence Nigay (University Grenoble Alpes)

- 09:00–09:30 A Domain-Specific Textual Language for Rapid Prototyping of Multimodal Interactive Systems
  - Freddy Cuca, Luca Lucero, Jan Van Den Bergh, Kris Luyten, Karin Cominx (Hasselt University, Belgium)

- 09:30–10:00 Metadata Type System: Integrate Presentation, Data Models and Extraction to Enable Exploratory Browsing Interfaces
  - Yin Qu, Andruid Kerne, Nic Castan (CNES, France)

- 10:00–10:15 Towards a Behavior-Oriented Specification and Testing Language for Multimodal Applications
  - Marc Hesenius, Tobias Griebe, Volker Grahn (University of Duisburg-Essen, Germany)

- 10:15–10:30 WiFi proximity detection in mobile web applications
  - Clemens Klokosne, Matthias Korn, Henrik Blunck (Aarhus University, Denmark)

- 10:30–11:00 Coffee break

**Session 6**
**Model-based UIs**
Chair: Marco Winckler (University Paul Sabatier)

- 11:00–11:30 Model-Driven Tools for Medical Device Selection
  - Judy Bowen, Annika Hinze, Selina Reid (The University of Waikato, New Zealand)

- 11:30–12:00 Predicting Task Execution Times by Deriving Enhanced Cognitive Models from User Interface Development Models
  - Michael Quade, Marc Halbrügge, Klaus-Peter Engelbrecht, Sahin Albayrak, Sebastian Möller (Technische Universität Berlin, Germany)

12:00–12:15
Considering Task Pre-Conditions in Model-based User Interface Design and Generation
- Marco Manca, Fabio Paternò, Carmen Santoro, Lucca Davide Spano (CNR-ISTI, Italy)

12:15–12:30 Generating Code Skeletons for Individual Media Elements in Model-driven Development of Interactive Systems
- Andreas Pleuss (Lero, University of Limerick, Ireland)

12:30–12:45 A Domain-Specific Model-Based Design Approach
- Anke Dittmar, Mathias Kühn, Peter Forbrig (University of Rostock, Germany)

12:45–13:00 Solidifying Diverse User Profiles based on the Profile Models of Adaptive Systems
- Effie Karakuzu (FORTH, Greece), Anthony Savidis (FORTH & University of Crete, Greece)

13:00–14:30 Lunch
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<th>Session 10</th>
<th>Late Breaking Results – Posters and Demos</th>
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<td>Chair: Giulio Mori (CNR-ISTI)</td>
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<tr>
<td>17:30–18:30</td>
<td>Implementing widgets using Sifteo cubes for visual modelling on tangible user interfaces Yves Rangoni, Valérie Maquil, Eric Tobias, Eric Ras (Public Research Center Henri Tudor, Luxembourg)</td>
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<td>LoMAK: A framework for generating Locative Media Apps from KML files Trien Do, Keith Cheverst, Ian Gregory (Lancaster University, United Kingdom)</td>
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<td>The FrameSoC Software Architecture for Multiple-View Trace Data Analysis Generoso Pagano (INRIA, France), Vania Marangozova-Martin (Université Joseph Fourier, France)</td>
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<td>PLACID: a Planner for Dynamically Composing User Interfaces Services Yoann Gabilllon (Gabriel Lippmann, Luxembourg), Gaelle Calvary, Humbert Fiorino (University Grenoble Alpes, France)</td>
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<td>Phone Proxies: Effortless Content Sharing between Smartphones and Interactive Surfaces Alexander Bazo, Florian Echtler (University of Regensburg, Germany)</td>
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<td>Formal Verification of UI Using the Power of a Recent Tool Suite Raquel Oliveira (University Grenoble Alpes, CNRS &amp; INRIA, France), Sophie Dupuy-Chessa, Gaelle Calvary (University Grenoble Alpes &amp; CNRS, France)</td>
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| 19:30-22:30 | Social Event at Palazzo Ruspoli (Via della Fontanella di Borghese, 56, Rome) |

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**Friday, June 20th 2014**

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<th>Time</th>
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<tr>
<td>09:00–10:00</td>
<td><strong>Mindless or Mindful Technology?</strong></td>
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<td>09:40–10:00</td>
<td><strong>Keynote</strong> Prof. Yvonne Rogers (University College London)</td>
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<td>10:00–10:30</td>
<td><strong>Analytic Techniques</strong></td>
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<td>10:00–10:30</td>
<td>Chair: Jürgen Ziegler (University of Duisburg-Essen)</td>
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<tr>
<td>10:00–10:30</td>
<td>Triangulating Empirical and Analytic Techniques for Improving Number Entry User Interfaces Abigail Cauchi, Patrick Oladimeji, Gerrit Niezen, Harold Thimbleby (Swansea University, UK)</td>
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<td>10:30–11:00</td>
<td><strong>Session 11</strong> Prototyping and Development Frameworks</td>
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<td>10:30–11:00</td>
<td>Chair: Michael Nebeling (ETH-Zurich)</td>
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<td>10:30–11:00</td>
<td>Extracting Behavioral Information from Electronic Storyboards Jason Forsyth, Tom Martin (Virginia Tech, United States)</td>
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<td>11:00–11:30</td>
<td>Supporting Design, Prototyping, and Evaluation of Public Display Systems Morin Ostkamp, Christian Kray (University of Münster, Germany)</td>
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<td>11:30–12:00</td>
<td>12:00–12:30</td>
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<td>12:30–12:45</td>
<td>SecSpace: Prototyping Usable Privacy and Security for Mixed Reality Collaborative Environments Derek Reilly, Mohammad Salimian, Bonnie MacKay, Juliano Franz (Dalhousie University, Canada), Niels Mathiasen (Trifork, Denmark), Keith Edwards (Georgia Institute of Technology, USA)</td>
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<td>12:45–13:00</td>
<td>Towards a Measurement framework for Tools’ Ceiling and Threshold Rui Alves, Claudio Texeira, Monica Nascimento, Amanda Marinho, Nuno Jardim Nunes (University of Madeira, Portugal)</td>
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<td>13:00–14:30</td>
<td>Presenting EveWorks, a Framework for Daily Life Event Detection Bruno Cardoso, Teresa Romão (Universidade Nova de Lisboa, Portugal)</td>
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<td>14:30–15:00</td>
<td>Closing + EICS 2015</td>
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