Monday, May 21

10.00 - 12.00 Conference registration

14.30-15.15 Invited Talk
Room 'Mediterranea'

*Usable Advanced Visual Interfaces in Aviation*
Mark T. Maybury, USA Air Force, Pentagon

15.15-15.45 Coffee break

15.45-17.30 System papers announcements

17.30-18.30 Steering Committee meeting

Tuesday, May 22

8.00 - 9.00 Conference registration

8:45 – 9:00 Opening Ceremony
Prof. Raimondo Pasquino, Rector of the University of Salerno
Prof. Stefano Levialdi and Prof. Genny Tortora, Conference and Program Co-chairs

9.00-9.45 Invited Talk
Room 'Mediterranea'

*Advanced Interface Productization: Lessons Learned*
9.45-10.15 Poster announcements

10.15-10.45 Coffee break and Poster exhibition

10.45-12.55 Session 1.1 - Interface Design I
Chair Mark T. Maybury
Room 'Mediterranea'

Push and Pull of Web User Interfaces in Multi-Device Environments
Giuseppe Ghiani, Fabio Paternò, Carmen Santoro
ISTI-CNR, Italy

UISKEI: A Sketch-based Prototyping Tool for Defining and Evaluating User Interface Behavior
Vinicius C. V. B. Segura, Simone Diniz Junqueira Barbosa, Fabiana Pedreira Simões
PUC-Rio, Brazil

Asynchronous Active Values for Client-Side Interactive Service Coordination
Alan Dix
Talis, Birmingham University, United Kingdom

Foundations for the Design of Visualizations that Support Trust in Distributed Teams
Erik Trainer, David Redmiles
University of California, Irvine USA

CADo: A supporting system for flower arrangement
*Anna Yokokubo, *Kirsti Sääskilahti, *Riitta Kangaskorte, **Mika Luimula, *Itiro Siio
*Ochanomizu University, Japan
*Oulu Southern Institute / University of Oulu, Finland
**CENTRIA Research and Development, RFMedia Laboratory, Finland

Designing Visual Interactive Systems in the e-Government Domain
Daniela Fogli
Università degli studi di Brescia, Italy

10.45-13.00 Session 1.2 - Visualization I
Chair Tiziana Catarci
Room 'Cavalli'

FatFonts: Combining the Symbolic and Visual Aspects of Numbers
Miguel Nacenta*, Uta Hinrichs*, Sheelagh Carpendale*
*University of St Andrews, United Kingdom
*University of Calgary, Canada

Interactive Exploration of Music Listening Histories
Ricardo Dias, Manuel J. Fonseca, Daniel Gonçalves
NESC-ID/IST/TU Lisbon, Portugal

The Product Explorer: Decision Making with Ease
Patrick Riehmann, Jens Opolka, Bernd Froehlich
Bauhaus Uni Weimar, Germany

TimeSlice: Interactive Faceted Browsing of Timeline Data
*Jian Zhao, *Steven Drucker, *Danyel Fisher, *Donald Brinkman
*University of Toronto, Canada
*Microsoft Research Redmond, USA

Vertigo zoom: combining relational and temporal perspectives on dynamic networks
*Vienna University of Technology, Austria
*Danube University Krems, Austria

Balloon Selection revisited - Multi-touch Selection Techniques for Stereoscopic Data
*DFKI GmbH, Germany
*Saarland University, Germany

Visualiz’em: “Show me more about him!”
João Guerreiro, Daniel Gonçalves
INESC-ID, Portugal

13.00-14.30 Lunch

14.30-15.45 Session 2.1 - Multimodal Interfaces I
Chair David Kurlander
Room ‘Mediterranea’

CinemaGazer: a System for Watching Videos at Very High Speed
Kazutaka Kurihara
National Institute of Advanced Industrial Science and Technology, Japan

Wiimote and Kinect: Gestural User Interfaces add a Natural third dimension to HCI
Rita Francese, Ignazio Passero, Genny Tortora
University of Salerno, Italy

Looking behind Bezels: French Windows for Wall Displays
*Rodrigo de Almeida, *Clément Pillias, *Emmanuel Pietriga, **Pierre Cubaud
*INRIA, France
*INRIA & CIRIC, France
**CNAM, France

14.30-15.45 Session 2.2 - User and cognitive Models
Room ‘Cavalli’
Does (Multi-)Touch Aid Users’ Spatial Memory and Navigation in ‘Panning’ and in ‘Zooming & Panning’ UIs?
°University of Konstanz, Germany
°ICT AG, Germany

How Spatial Layout, Interactivity, and Persistent Visibility Affect Learning with Large Displays
Eric Ragan, Alex Endert, Doug Bowman, Francis Quek
Virginia Tech, USA

The Cost of Display Switching: A Comparison of Mobile, Large Display and Hybrid UI Configurations
Umar Rashid, Miguel Nacenta, Aaron Quigley
University of St. Andrews, United Kingdom

15.45-16.15 Coffee break & System paper demos

DepthTouch: An Elastic Surface for Tangible Computing
Joshua Peschke, Fabian Göbel, Thomas Gründer, Mandy Keck, Dietrich Kammer, Rainer Groh
Technische Universität Dresden Institute for Software- and Multimedia-Technology, Dresden, Germany

MEAL - A Menu Evaluation System with Symbolic Icons in Mobile Devices
*Ai Gomi, *Takayuki Itoh, "Kang Zhang
*Ochanomizu University, Tokyo, Japan
* University of Texas at Dallas, Richardson, TX, USA

Supporting Interaction and Collaboration on Large Displays using Tablet Devices
Kelvin Cheng, Jane Li, Christian Müller-Tomfelde
CSIRO ICT Centre, Marsfield, Australia

RMob - a mobile app for real time information in urban transportation
Laura Magrini, Matteo Nati, Emanuele Panizzi
"Sapienza" Università di Roma, Italy

Navigation in Past Museum Exhibitions using Multimedia Archives
Rui Nóbrega, Nuno Correia, Carlos Nobre, Ana Bárbara Teixeira, Leonor Oliveira, Raquel Henriches da Silva
Universidade Nova de Lisboa, Caparica, Portugal

Experimenting DELE: a Deafcentered ELearning Visual Environment
Paolo Bottoni, Daniele Capuano, Maria De Marsico, Anna Labella, Stefano Levialdi
“Sapienza” University of Rome, Italy

16.15-18.15 Session 3.1 - Context Aware Pervasive Interfaces I
Chair Fabio Paternò
Room 'Mediterranea'
Towards Building Pervasive UIs for the Intelligent Classroom: The PUPIL Approach
*Maria Korozi, °Stavroula Ntoa, °Margherita Antona, *Asterios Leonidis, °Constantine Stephanidis
°Foundation for Research and Technology – Hellas (FORTH), Greece
*Foundation for Research and Technology – Hellas (FORTH), University of Crete, Department of Computer Science

Context-Aware Systems: The ‘Right’ Information, at the ‘Right’ Time, in the ‘Right’ Place, in the ‘Right’ Way, to the ‘Right’ Person
Gerhard Fischer
University of Colorado, Boulder, USA

Software-Based Adjustment of Mobile Autostereoscopic Graphics using Static Parallax Barriers
Martin Paprocki, Morten Bak Kristoffersen, Kim Krog, Martin Kraus
Aalborg University, Denmark

SmartWig: Wig-based Wearable Computing Device for Communication and Entertainment
°Hiroaki Tobita, *Takuya Kuzi
°Sony CLS Paris, France
*University of Electro-Communications, Tokyo, Japan

Comparative Social Visualization for Personalized E-learning
°I-Han Hsiao, *Julio Guerra, *Denis Parra, °°Fedor Bakalov, °Birgitta König-Ries, °Peter Brusilovsky
°University of Pittsburgh, USA
°School of Information Sciences, University of Pittsburgh, USA
°°Friedrich Schiller University of Jena, Germany

Nondirective Information Presentation for On-site Safety Training in Chemistry Experiments
Kaori Fujinami, Akifumi Sokan
Tokyo University of Agriculture and Technology, Japan

16.15-18.25 Session 3.2 - User-system Interaction
Chair Alessio Malizia
Room ‘Cavalli’

Animated Transitions between User Interface Views
Charles-Erich Dessart, Vivian Genaro Motti, Jean Vanderdonckt
Université catholique de Louvain, Louvain Interaction Lab, Belgium

Search Intent Estimation from User’s Eye Movements for Supporting Information Seeking
*Kazutoshi Umemoto, °°Takehiro Yamamoto, °Satoshi Nakamura, *Katsumi Tanaka
°Kyoto University, Yoshida-Honmachi, Sakyo, Kyoto, Japan
°°JST CREST

Continuous Edgewrite: Dictionary-Based Disambiguation Instead of Explicit Segmentation by the User
°Benoît Martin, °Poika Isokoski, °Grégory Karmann, °Thomas Rollinger
°Université Paul Verlaine – Metz, France
*University of Tampere, Finland
**AutoComPaste: Auto-Completing Text as an Alternative to Copy-Paste**
*Shengdong Zhao, *Fanny Chevalier, °Wei Tsang Ooi, °Chee Yuan Lee, °Arpit Agarwal
°National University of Singapore, Singapore
*OCAD University, Canada

**Using the Power of Associations: BrainDump - A Revised Nature Inspired Visual Interface for Sensemaking**
Marius Brade, Christian Braendel, Rainer Groh
TU Dresden, Chair of Media Design, Germany

**A Visual Interface for Querying Ontologically and Socially Annotated 3D Worlds for the Web**
Fabio Pittarello, Ivan Gatto
Università Ca' Foscari Venezia – DAIS, Italy

**19.30 Welcome party**

**Posters scheduled on Tuesday, May 22nd**

**Comparing Cognitive Effort in Spatial Learning of Text Entry Keyboards and ShapeWriters**
Arindam Das and Wolfgang Stuerzlinger
York University, Canada

**Aesthetic Visualisation of Information: Optimization of Graph Representations**
*Dieter Meiller, *Matthias Hemmje, *Claus-Peter Klas
°Hochschule Amberg-Weiden, Germany
*University of Hagen, Germany

**Automatic Natural Expression Recognition using Head Movement and Skin Color Features**
Hamed Monkaresi, Rafael A. Calvo, M. S. Hussain
University of Sydney, Australia

**Bridging the gap: advances in interaction design for enterprise applications in production scenarios**
Christian Lambeck, Dietrich Kammer, Pascal Weyprecht, Rainer Groh
Dresden University of Technology, Institute for Software- and Multimedia-Technology, Dresden, Germany

**Study of Information Clouding Methods to Prevent Spoilers of Sports Match**
*Satoshi Nakamura and *Takanori Komatsu
*Kyoto University, Japan
*Shinshu University, Japan

**Interaction atmosphere: blending design style**
Antonella Varesano
Udine University, Italy

**Supporting user of information retrieval systems by visualizing the information dialog context**
Paul Landwich, Claus-Peter Klas and Matthias Hemmje
FernUniversität in Hagen, Germany

JewelryStudio: System for capturing/browsing pictures of jewelry from multiple viewpoints
*Chiho Watanabe, **Koji Tsukada and *Itiro Siio
*Ochanomizu University, Japan
*JST PRESTO, Japan

Automatic Properties Adjusting Method using User Operations for Local Search Smartphone Applications
Kaori Kobayashi, Daisuke Kitayama and Kazutoshi Sumiya
University of Hyogo, Japan

ArchMatrix: a Visual Interactive System for Graph-Based Knowledge Exploration in Archaeology
Barbara Rita Barricelli, Stefano Valtolina and Matilde Marzullo
Università degli Studi di Milano, Italy

Interactive Curating of User Tags for Audiovisual Archives
*Yi-ling Lin and *Lora Aroyo
*University of Pittsburgh, USA
*Free University of Amsterdam, Netherlands

Wednesday, May 23

8.30-9.15 Invited Talk
Room ‘Mediterranea’

Gesture-based Interaction: A New Dimension for Mobile User Interfaces
Yang Li
Google Research, California, USA

9.15-9.45 Poster Announcements

9.45 - 10.15 Coffee break and Poster Exhibition

10.15-12.25 Session 4.1 - Multimodal Interfaces II
Chair Kai Olsen
Room ‘Mediterranea’

Comparison of Video-Based Pointing and Selection Techniques for Hands-Free Text Entry
Yulia Gizatdinova, Oleg Spakov, Veikko Surakka
University of Tampere, Finland

SNOUT: One-Handed use of Capacitive Touch Devices
Adam Zarek, Daniel Wigdor, Karan Singh
University of Toronto, Canada
A Gestural Approach to Presentation Exploiting Motion Capture Metaphors
Stefania Cuccurullo, Rita Francese, Sharefa Murad, Ignazio Passero, Maurizio Tucci
University of Salerno, Italy

SpeeG: A Multimodal Speech- and Gesture-based Text Input Solution
Lode Hoste, Bruno Dumas, Beat Signer
Vrije Universiteit Brussel, Belgium

Image correction technique for 3D interactive surface using transparent elastic gels
*Taro Tokui, *Masami Yamasaki, *Hideki Koike
*University of Electro-Communications, Japan
*Hitachi Ltd, Japan

Squama: Modular Visibility Control of Walls and Windows for Programmable Physical Architectures
Jun Rekimoto
Interfaculty Initiatives in Information Studies, The University of Tokyo, Japan

10.15-12.25 Session 4.2 - Evaluation I
Chair Athula Ginige
Room ‘Cavalli’

Evaluation of a Multimodal Video Annotator for Contemporary Dance
Diogo Cabral, João Valente, Urândia Aragão, Carla Fernandes, Nuno Correia
Universidade Nova de Lisboa, Portugal

A Field Study of a Multi-Touch Display at a Conference
*Carmelo Ardito, *Maria Francesca Costabile,*Rosa Lanzilotti,**Antonella De Angeli, *Giuseppe Desolda
*University of Bari, Italy
**University of Trento, Italy

Two User Studies on Creation and Evaluation of Use Scenarios for Mixed Reality Communication
*Tampere University of Technology, Finland
*Nokia Research Center Tampere, Finland

A Model-based Approach to Ongoing Product Evaluation
*Shah Rukh Humayoun, *Yael Dubinsky, *Tiziana Catarci, **Eli Nazarov, **Assaf Israel
*SAPIENZA – Università di Roma, Italy
*IBM – Haifa Research Lab, Israel
**Technion – Israel Institute of Technology , Israel

Usability Issues for an Aerospace Digital Library
*CIRA, Italy
*University of Salerno, Italy
12.30-14.00 Lunch

14.00-15.45 Session 5.1 - Interface Design II
Chair Paloma Diaz
Room 'Mediterranea'

Interface Affordances and Social Practices in Online Communication Systems
Suely Fragoso, Rebeca Recuero Rebs, Daiani Ludmila Barth
Universidade Federal do Rio Grande do Sul, UFRGS, Brazil
Universidade do Vale do Rio do Sinos, Unisinos, Brazil
Fundacao Universidade Federal de Rondonia, UNIR, Brazil

Designing Large High-Resolution Display Workspaces
Alex Endert, Lauren Bradel, Jessica Zeitz, Christopher Andrews, Chris North
Virginia Tech, USA

Towards the Establishment of a Framework for Intuitive Multi-touch Interaction Design
Amy Ingram, Xiaoyu Wang, William Ribarsky
University of North Carolina at Charlotte, USA

Termite: Visualization Techniques for Assessing Textual Topic Models
Jason Chuang, Christopher D. Manning, Jeffrey Heer
Stanford University, USA

Metaphor modelling for tangible interfaces evaluation
Augusto Celentano, Emmanuel Dubois
Universita' Ca' Foscari Venezia, Italy
IRIT, Université Paul Sabatier, France

14.00-15.45 Session 5.2 - Context Aware Pervasive Interfaces II
Chair Alan Dix
Room 'Cavalli'

Embodied cooperation using mobile devices: presenting and evaluating the Sync4All application
Giovanna Varni, Maurizio Mancini, Gualtiero Volpe
InfoMus-DIST-University of Genoa, Italy

WithYou - A Communication System to Provide Out Together Feeling
Ching-Tzun Chang, Shin Takahashi, Jiro Tanaka
University of Tsukuba, Japan

Creation and Visualization of Context Aware Augmented Reality Interfaces
Allan Oliveira, Regina B. Araujo
Federal University of São Carlos, Brazil
I feel Lucky: an automated personal assistant for smartphones
*Molde University College, Norway
*Universidad Carlos III de Madrid, Spain

Magnetic Augmented Reality: Virtual Objects in Your Space
Rui Nóbrega, Nuno Correia
Universidade Nova de Lisboa, Portugal

Distributed Interaction: A Multi-Device, Multi-User Music Experience
Henrik Sørensen, Jesper Kjeldskov
Aalborg University, Denmark

15.45-16.15 Coffee break & System paper demos

iPhone interface for wireless control of a robot
Emanuele Panizzi, Dario Vitulli
"Sapienza" Università di Roma, Italy

Prototyping a Gestural Interface for Selecting and Buying Goods in a Public Environment
Ivano Gatto, Fabio Pittarello
Università Ca’ Foscari Venezia, Italy

SocialStory: A Social Storyboard System for Sharing Experiences in Emergencies
Luca Lupo, Alessio Malizia, Paloma Diaz, Ignacio Aedo
Universidad Carlos III de Madrid, Spain

A webGL talking head for mobile devices
Alberto Benin, Piero Cosi, G. Riccardo Leone
ISTC-CNR Padova, Italy

BrainDump – Taking Fluid Interaction Literally
Marius Brade, Christian Brändel, Rainer Groh
Technische Universität Dresden, Germany

SHIRI: Buttocks Humanoid that Represents Emotions with Visual and Tactual Transformation of the Muscles
Nobuhiro Takahashi, Yasushi Matoba, Toshiki Sato, Hideki Koike
The University of Electro-Communications, Chofu, Japan

16.15-18.05 Session 6.1 - Evaluation II
Chair Maria Francesca Costabile
Room 'Mediterranea'

Supporting Active Reading on Pen and Touch-Operated Tabletops
Fabrice Matulic, Moira C. Norrie
ETH Zurich, Switzerland
An empirical study on the impact of edge bundling on user comprehension of graphs
Fintan McGee, John Dingliana
Trinity College Dublin, Ireland

An Approach to Tuning Distributed Virtual Environment Performance by Modifying Terrain
°H. Lally Singh, °Denis Gracanin, *Kresimir Matkovic
°Virginia Tech, USA
*VRVis Research Centre, Austria

Visualizing Set-Valued Attributes in Parallel with Equal-Height Histograms
°Kent Wittenburg, *Alessio Malizia, *Luca Lupo, °°Georgiy Pekhteryev
°Mitsubishi Electric Research Laboratories & Universidad Carlos III de Madrid
*Universidad Carlos III de Madrid, Spain
°°Mitsubishi Electric Research Laboratories

Motivations for Accessing Social Networking Services on Mobile Devices
°Yanqing Cui, °Li Wang
*University of Tampere, Finland

Generating Applications directly on the Mobile Device: an Empirical Evaluation
Andrea De Lucia, Rita Francese, Michele Risi, Genny Tortora
University of Salerno, Italy

16.15-18.25 Session 6.2 - Visualization II
Chair Giuseppe Santucci
Room 'Cavalli'

Interactive Visualization of Emerging Topics in Multiple Social Media Streams
Adrian M.P. Brasoveanu, Alexander Hubmann-Haidvogel, Arno Scharl
MODUL University Vienna, Austria

Proportions in Categorical and Geographic Data: Visualizing the Results of Political Elections
Florian Stoffel, Halldor Janetzko, Florian Mansmann
University of Konstanz, Germany

AppInsight: What have I been doing?
Gabriel Barata, Hugo Nicolau, Daniel Gonçalves
INESC-ID, Portugal

User-Centered Design of a Visual Data Mapping Tool
Abdallah Namoun, Usman Wajid, Nikolay Mehandjiev, Ali Owrak
University of Manchester, United Kingdom

Who Have I Been Talking To?
°Tiago Garcia, °João Aires, *Daniel Gonçalves
°IST, Portugal
Perspective+Detail - a visualization technique for vertically curved displays
*Tobias Schwarz, *Fabian Hennecke, *Felix Lauber, **Harald Reiterer
*Siemens AG, Germany
*University of Munich, Germany
**University of Konstanz

19.30 Gala dinner

Posters scheduled on Wednesday, May 23th

SPALENDAR: Visualizing a Group’s Calendar Events over a Geographic Space on a Public Display
Xiang 'Anthony' Chen, Sebastian Boring, Sheelagh Carpendale, Anthony Tang, Saul Greenberg
University of Calgary, Canada

An Interface for Visual Inspection based on Image Segmentation
James Mardell, Mark Witkowski and Robert Spence
Imperial College London, UK

Envisioning Grid Vulnerabilities: Multi-dimensional Visualization for Electrical Grid Planning
*Rosa Romero, *Kent Wittenburg, *David Díez and *Paloma Díaz
*Universidad Carlos III de Madrid, Spain
* Mitsubishi Electric Research Laboratories, UK

Studies of Vection Field II: a method for generating smooth motion pattern
*The University of Electro-Communications, Japan
*Keio University, Japan

Stacked Trees: a New Hybrid Visualization Method
*Gilles Bisson and *Renaud Blanch
*LIG-CNRS, France
*LIG-UJF, France

Semantic Road Networks for Recommender Systems
Thomas Neirynck
KU Leuven, Belgium

User Profiling vs. Accuracy in Recommender System User Experience
*Paolo Cremonesi, *Francesco Epifania and *Franca Garzotto
*DEI-Politecnico di Milano, Italy
*DSI-Università degli Studi di Milano, Italy

"Don’t touch the oven” : Motion-based Touchless Interaction with Household Appliances
Franca Garzotto and Matteo Valorani
DEI-Politecnico di Milano, Italy
Seamless Mixed Reality Tracking in Tabletop Reservoir Engineering Interaction
Paul Lapides, Nicole Sultanum, Ehud Sharlin and Mario Costa Sousa
University of Calgary, Canada

Representing and Visualizing Folksonomies as Graphs - A Reference Model
°Steffen Lohmann and *Paloma Díaz
° University of Stuttgart, Germany
*Universidad Carlos III de Madrid, Spain

Thursday, May 24

8.30-9.15 Invited Talk
Room 'Mediterranea'

Make It So: Learning from Science Fiction Interfaces
Nathan Shedroff
California College of the Arts, California USA

9.15-10.00 Poster Announcements

10.00 -10.30 Coffee break and Poster Exhibition

10.30-12.40 Session 7.1 - Graph Visualization
Chair Maurizio Martelli
Room 'Mediterranea'

GraphPrism: Compact Visualization of Network Structure
Sanjay Kairam, Diana MacLean, Manolis Savva, Jeffrey Heer
Stanford University, USA

Exploring the Design Space of Interactive Link Curvature in Network Diagrams
°Nathalie Henry Riche, *Tim Dwyer, °Bongshin Lee, °°Sheelagh Carpendale
°Microsoft Research, USA
*Microsoft Corporation, USA
°°University of Calgary, Canada

Hierarchically Animated Transitions in Visualizations of Tree Structures
David Guilmaine, Christophe Viau, Michael J. McGuffin
Ecole de technologie superieure, Canada

Interactive graph matching and visual comparison of graphs and clustered graphs
°Mountaz Hascoet, *Pierre Dragicevic
°LIRMM, CNRS, Univ. Montpellier II, France
*INRIA, France
**MetricAttitude: A Visualization Tool for the Reverse Engineering of Object Oriented Software**  
*Michele Risi, °Giuseppe Scanniello  
*University of Salerno, Italy  
°Università della Basilicata, Italy

**Metabrain: Web Information Extraction and Visualization**  
°Joao Teixeira, °Gabriel Barata, *Daniel Gonçalves  
°Instituto Superior Técnico / INESC-ID, Portugal  
*INESC-ID, Portugal

**10.30-12.55 Session 7.2 - Mobile Interfaces**

**Chair Yang Li**  
Room 'Cavalli'

**Tap, Swipe, or Move: Attentional Demands for Distracted Smartphone Input**  
°Matei Negulescu, °Jaime Ruiz, °Yang Li, °Edward Lank  
°University of Waterloo, Canada  
°Google Research, USA

**PalmSpace: Continuous Around-Device Gestures vs. Multitouch for 3D Rotation Tasks on Mobile Devices**  
°Sven Kratz, °Michael Rohs, °Dennis Guse, °Jörg Müller, °Gilles Bailly, °Michael Nischt  
°Mobile Interaction Lab, University of Munich, Germany  
°Telekom Innovation Laboratories, TU Berlin, Germany

**Spatial data and mobile applications - general solutions for interface design**  
°Athula Ginige, °Marco Romano, °Monica Sebillo, °Giuliana Vitiello, °Pasquale Di Giovanni  
°University of Western Sydney, Australia  
°University of Salerno, Italy

**Multimodal Framework for Mobile Interaction**  
°Francesco Cutugno, °Vincenza Anna Leano, °Gianluca Mignini, °Roberto Rinaldi  
°LUSI-Lab, Dep. of Physiscs -University of Naples Federico II, Italy  
°USI-Lab University of Naples "Federico II", Italy

**User Experience of Photorealistic Urban Pedestrian Navigation**  
Timo Partala, Milikka Salminen  
Tampere University of Technology, Finland

**A Line-based Palm-top Detector for Mobile Augmented Reality**  
Haruhisa Kato, Akio Yoneyama  
KDDI R&D Laboratories Inc., Japan

**Indoor Navigation with Mixed Reality World-in-Miniature Views and Sparse Localization on Mobile Devices**  
Alessandro Mulloni, Hartmut Seichter, Dieter Schmalstieg  
ICG - Graz University of Technology, Austria
13.00-14.30 Lunch

14.30-16.00 Session 8.1 - AR/VR Interfaces  
Chair Aaron Quigley  
Room 'Mediterranea'

An Augmented Interface to Audio-Video Components  
Andrea F. Abate, Fabio Narducci, Stefano Ricciardi  
VRLab - University of Salerno, Italy

ARMob - Augmented Reality for Urban Mobility in RMob  
*Université Toulouse III - Paul Sabatier, Sapienza Università di Roma, Italy  
*Università di Roma, Italy

Face-to-Avatar: Augmented Face-to-Face Communication with Aerotop Telepresence System  
°Fabrizio Tobita, *Takuya Kuzi  
*Sony CLS Paris, France  
*University of Electro-Communications, Tokyo, Japan

Evaluating Depth Perception of Volumetric Data in Semi-Immersive VR  
Isaac Cho, Wenwen Dou, Zachary Wartell, William Ribarsky, Xiaoyu Wang  
University of North Carolina at Charlotte, USA

SpeechToast: Augmenting Notifications with Speech Input Focus  
Aj Bernheim Brush and Paul Johns  
Microsoft Research

14.30-16.00 Session 8.2 - User-system Interaction  
Chair Kent Wittenburg  
Room 'Cavalli'

Statistics from an HCI perspective  
Jean Bernard Martens  
Einhoven University of Technology, The Netherlands

Information Design in interactive applications for unfamiliar cultural domains  
Augusto Celentano  
Universita' Ca' Foscari Venezia, Italy

SWift - A SignWriting improved fast transcriber  
°Claudia Savina Bianchini, *Fabrizio Borgia, **Paolo Bottoni, **Maria De Marsico  
° Université Paris 8 ED-CLI, France
LiveMask: A Telepresence Surrogate System with a Face-Shaped Screen for Supporting Nonverbal Communication
Kana Misawa, Yoshio Ishiguro, Jun Rekimoto
The university of Tokyo, Japan

c-co-Activity Manager: Integrating Activity-Based Collaboration into the Desktop Interface
*IT University, Denmark
*Hasselt University, Belgium

Improving Blog Exploration through Interactive Visualization
Nelson Marques, Ricardo Dias, Manuel J. Fonseca
INESC-ID/IST/TU Lisbon, Portugal

16.00-16.30 Coffee break & System paper demos

An Integrated Ecosystem of Interfaces for Annotating, Querying and Browsing Networks of Web3D Worlds
Fabio Pittarello, Ivano Gatto
Università Ca’ Foscari Venezia, Italy

Interactive Surface that have Dynamic Softness Control
Toshiki Sato, Nobuhiro Takahashi, Yasushi Matoba, Hideki Koike
The University of Electro-Communications, Chofu, Japan

Personal Photo Browser that can Classify Photos by Participants and Situations
*Kwansei Gakuin University, Japan
* Kyoto University, Japan

ISIDIS: an intelligent videosurveillance system
*Massimo De Gregorio, *Alessandro Rullo, Salvatore Rubinacci
*Istituto di Cibernetica, CNR, Pozzuoli, Italy
*Neatec S.p.A., Pozzuoli, Italy

Ambient Educational Mini-games
*Margherita Antona, **Constantine Stephanidis
*Institute of Computer Science, Heracleion, Greece
*University of Crete, Greece

Interactive Exploration of Events and Presence of People in Space and Time through KD-Photomap
*Linköping University, Norrköping, Sweden
*Fraunhofer IAIS, Sankt Augustin, Germany
16.30-18.25 Session 9.1 - Adaptive Navigation Interfaces

Room 'Mediterranea'

GravNav: Using a Gravity Model for Multi-Scale Navigation
Waqas Javed, Sohaib Ghani, Niklas Elmqvist
Purdue University, USA

Strip'TIC: Exploring Augmented Paper Strips for Air Traffic Controllers
*ENAC, France
*DGAC, France

Fluid Views: A Zoomable Search Environment
Marian Dörk, Sheelagh Carpendale, Carey Williamson
University of Calgary, Canada

Stackables: Combining Tangibles for Faceted Browsing
*University of Magdeburg, Germany
*INRIA, france

Content-aware navigation for large displays in context of traffic control rooms
*Siemens AG, Germany
*University of Konstanz

16.30-18.10 Session 9.2 - Visual Analytics

Chair Nathalie Riche
Room 'Cavalli'

Investigative Analysis across Documents and Drawings: Visual Analytics for Archeologists
*Maurizio Martelli, *Antonella Traverso, **Nicoletta Bianchi, **Henry de Lumley
*University of Salerno, Italy
*University of Genova, Italy
**Laboratoire Départemental de Préhistoire du Lazaret, France

Profiler: Integrated Statistical Analysis and Visualization for Data Quality Assessment
*Stanford University
*University of California, Berkeley

The Semantics of Clustering: Analysis of User-Generated Spatializations of Text Documents
Alex Endert, Seth Fox, Dipayan Maiti, Scotland Leman, Chris North
Virginia Tech, USA
Posters scheduled on Thursday, May 24th

EgoNav: Exploring Networks through Egocentric Spatializations
Martin Harrigan, Daniel Archambault, Padraig Cunningham, Neil Hurley
University College Dublin, Ireland

S-Notebook: Augmenting Mobile Devices with Interactive Paper for Data Management
*Thomas Pietrzak, *Sylvain Malacria and **Éric Lecolinet
*Université de Lille 1, France
* University of Canterbury, New Zealand
** Telecom ParisTech, France

BroAuth: Evaluating Different Levels of Visual Feedback for 3D Gesture-Based Authentication
Max-Emanuel Maurer, Rainer Waxenberger and Doris Hausen
University of Munich, Germany

Redeeming Pedigree Data with an Interactive Error Cleaning Visualisation
*Edinburgh Napier University, UK
*The Roslin Institute, University of Edinburgh, UK

Designing mobile access to DSpace-based digital libraries
Isaias B. Da Rosa and David R. Lamas
Tallinn University, Estonia

Formal Specification of Usability Measures in Model-driven Development of Context-sensitive User Interfaces
*Mlađan Jovanović, *Dušan Starčević and *Zoran Jovanovic
*Faculty of Electrical Engineering, Serbia
*Faculty of Organizational Sciences, Belgrade University, Serbia

Visual Analysis of Microblog Content Using Time-Varying Co-occurrence Highlighting in Tag Clouds
Steffen Lohmann, Michael Burch, Hansjörg Schmauder and Daniel Weiskopf
University of Stuttgart, Germany

ViDaX: An Interactive Semantic Data Visualisation and Exploration Tool
Bruno Dumas, Tim Broché, Lode Hoste and Beat Signer
Vrije Universiteit Brussel, Belgium

Design Guidelines for Correlated Quantitative Data Visualizations
Vladimir Guchev, Massimo Mecella and Giuseppe Santucci
Sapienza Università di Roma, Italy

Workshops

Monday, May 21

W1 - 3rd International Workshop on End User Development for Services (EUD4Services‘2012)
Antonella de Angeli, University of Trento, Italy
Nikolay Mehandjiev, University of Manchester, UK

W2 - Supporting Asynchronous Collaboration in Visual Analytics Systems
Nathalie Henry Riche, Kori Inkpen, Mary Czerwinski, Microsoft Research, Redmond, USA
John Stasko, Georgia Institute of Technology, USA
Tom Gross, University of Bamberg, Germany

W3 - VIGTA 2012 – First International Workshop on Visual Interfaces for Ground Truth Collection in Computer Vision Applications
Concetto Spampinato, University of Catania, Italy
Bas Boom, University of Edinburgh, UK
Jiyin He, Centrum Wiskunde & Informatica, Amsterdam, The Netherlands

Friday, May 25

W4 - PPD’12: Workshop on infrastructure and design challenges of coupled display visual interfaces
Alan Dix, Birmingham University, UK
Aaron Quigley, University of St Andrews, UK
Miguel Nacenta, University of St Andrews, UK
Tom Rodden, University of Nottingham, UK

W5- Designing Collaborative Interactive Spaces
Hans-Christian Jetter, Florian Geyer, Harald Reiterer, University of Konstanz, Germany
Raimund Dachselt, Dresden University of Technology, Germany
Gerhard Fischer, University of Colorado at Boulder, USA
Rainer Groh, Technische Universität Dresden, Germany
Michael Haller, Upper Austria University of Applied Sciences, Austria
Thomas Herrmann, Ruhr University Bochum, Germany

Tutorials

Monday, May 21

Tutorial 1 (9.00-13.00)
Intelligent Visual Interfaces : An Introduction
Mark T. Maybury, MITRE Corporation USA

Tutorial 2 (14.30-17.30)
HCI Themes for the Future: Cultures of Participation, Meta-Design, and Social Creativity
Gerhard Fischer, University of Colorado at Boulder USA

Friday, May 25

Tutorial 3 (9.00-13.00)
Virtual and Augmented Reality Applications
Lucio Tommaso De Paolis, University of Salento  ITALY

Tutorial 4 (14.30-17.30)
Scientific Evaluation in Visualization
Camilla Forsell and Matthew Cooper, Linköping University Sweden