



# Call For Papers

## AVI 2010 Advanced Visual Interfaces

### International Working Conference



In cooperation with ACM-SIGCHI, ACM-SIGMM, SIGCHI Italy

May 25-29, 2010 - Roma, Italy

<http://www.dis.uniroma1.it/avi2010>

10<sup>th</sup> Edition



AVI comes of age!

#### General and Program Chair

Giuseppe Santucci, Sapienza Università di Roma

#### Tutorial and Workshop Chair

Luciano Gamberini, Università degli Studi di Padova

#### Demo Chairs

Paolo Buono, Università di Bari  
Emanuele Panizzi, Sapienza Università di Roma

#### Local organizer

Carola Aiello, Sapienza Università di Roma

#### Publicity Chair

Alessio Malizia, Universidad Carlos III, Madrid

#### Program Committee

Margherita Antona, ICS-FORTH, Greece  
Nadia Bianchi Berthouze, University College London, United Kingdom  
Enrico Bertini, University of Konstanz, Germany  
Margaret Burnett, Oregon State University, USA  
Stuart Card, PARC, USA  
Gilbert Cockton, School of Design at Northumbria University, United Kingdom  
Cristina Conati, University of British Columbia, Canada  
Philip T. Cox, Dalhousie University, Canada  
Mary Czerwinski, Microsoft Research, USA  
Antonella De Angeli, University of Manchester, United Kingdom  
Juan De Lara, Universidad Autonoma De Madrid, Spain  
Marilena De Marsico, Sapienza Università di Roma, Italy  
Boris De Ruyter, Philips Research, The Netherlands  
Alberto Del Bimbo, Università di Firenze, Italy  
Jean Daniel Fekete, INRIA, France  
Franca Garzotto, Politecnico di Milano, Italy  
Elisa Giaccardi, University of Colorado, USA  
Vlado Glavinic, University of Zagreb, Croatia  
Esther Guerra, Universidad Carlos III De Madrid, Spain  
Helwig Hauser, University of Bergen, Norway  
Harry Hochheiser, University of Pittsburgh, US  
John Hosking, University of Auckland, New Zealand  
Rosa Lanzillotti, University of Bari, Italy  
Kresimir Matkovic, VRVis Research Center, Austria  
Mark T. Maybury, MITRE Corporation, USA  
Carlo Maria Medaglia, Università di Roma "Tor Vergata"  
Nikolay Mehandjiev, University of Manchester, United Kingdom  
Mark Minas, Universität Der Bundeswehr Munchen, de  
Michele Nappi, Università di Salerno, Italy  
Laurence Nigay, CLIPS-IMAG, France  
Kai Olsen, University of Bergen, Norway  
Noritaka Osawa, Chiba University, Japan  
Philippe Palanque, Université Paul Sabatier, France  
Cesare Pautasso, ETH, Switzerland  
Peter Pirolli, Xerox, USA  
Fabio Pittarello, Università Ca' Foscari, Venezia, Italy  
Andreas Pleuss, University of Limerick, Ireland  
Roberto Polillo, Università di Milano Bicocca, Italy  
Mike Sips, Stanford University, USA  
Genny Tortora,  
Constantine Stephanidis, ICS-FORTH, Greece  
Kent Wittenburg, Mitsubishi Electric Research Labs, USA  
Kang Zhang, University of Texas at Dallas, USA

#### Steering Committee

Paolo Bottoni, Sapienza Università di Roma  
Augusto Celentano, Università Ca' Foscari, Venezia  
Maria Francesca Costabile, Università di Bari  
Stefano Levialdi, Sapienza Università di Roma  
Piero Mussio, Università degli Studi di Milano

#### Secretariat

Consulta Umbria

WWW Page: <http://www.dis.uniroma1.it/avi2010>

Contact: [santucci@dis.uniroma1.it](mailto:santucci@dis.uniroma1.it)

The 10th International Working Conference on Advanced Visual Interfaces (AVI2010) will be held in Rome, Italy, May 25-29, 2010. Started in 1992 in Rome, and held every two years in different Italian towns, the Conference brings together experts in different areas of computer science who have a common interest in the conception, design, and implementation of visual and, more generally, perceptual interfaces. Through these 18 years, the Conference has witnessed the growing interest within the community for new interaction paradigms and new devices such as smartphones and PDAs, in the framework of both traditional and emerging environments, such as ubiquitous and pervasive computer applications. Both formal methods and concrete applications well fit into the framework of the conference, whose program also includes invited talks, given by leaders in the field. Submissions are solicited in the broad list of areas given below, with special emphasis on the following specific topics, without being limited to them.

**Overall Categories:** Interaction models and techniques, Interactive visualization, Interactive systems, User interaction studies

**Topics:** Accessibility and Usability, Adaptive Interfaces, Animated Interfaces, Cognitive Models of the User, Computer Supported Cooperative Work, Context Aware Interaction, Controlled Studies and Usability Testing, Digital Media Environments, End-User Development, HCI and Web 2.0, Information Visualization Interfaces, Interface Evaluation, Interface Metaphors, Map-based Interaction, Mobile Interaction Design, Multimodal Interfaces, Natural Interaction, New Media and Cultural Heritage, Perceptual Interfaces, Tools for Design, Virtual and Augmented Reality, Visual Analytics Interfaces, Visual Databases, Visual Information Access, Visual Interaction, Visual Interface Design, Web Interfaces, Web-Based Social Interaction

#### Scientific Program

Submissions that address research and development on the above and other related topics, or that propose new approaches suitable for fulfilling the demands that characterize advanced interfaces of the next generation are strongly encouraged. Three kinds of contribution are solicited:

- Full papers, describing original and unpublished work, up to 8 pages in [ACM SIG Proceedings format](#).

- Short papers, describing promising work in progress, up to 4 pages in [ACM SIG Proceedings format](#).

- System papers (prototypes demonstrations), up to 2 pages in [ACM SIG Proceedings format](#). Full papers will be presented in oral sessions; short papers will be presented in both oral and poster sessions. System papers will be accompanied by a demonstration of the software prototype, and should include a description of hw/sw requirements on a separate sheet. Demonstrators may either use their personal laptops, or provide a full working version of accepted prototypes, ready for installation. Papers will be submitted electronically. Detailed information on electronic submission will be provided at the AVI 2010 web site. Papers from all categories will be included in the Proceedings published by ACM Press. Note that for 8-page full papers only, a 200-word abstract is requested before paper submission.

#### Important Dates

Abstract submission deadline: December 14, 2009

Paper Submission deadline: December 24, 2009 5:00 PM Pacific Time **NEW!!!**

Acceptance Notification February 15, 2010

Camera-ready Papers due: March 15, 2010

Demo software due: May 14, 2010

#### Workshops and Tutorials

In addition to the scientific program, tutorials and workshops are also planned. Tutorials provide conference participants with the opportunity to gain new insights in the area of advanced visual interfaces, and workshops provide an informal setting where participants have the opportunity to discuss specific topics in an atmosphere that fosters the active exchange of ideas. Workshop and tutorial proposals should be sent to the Tutorial and Workshop Chair ([luciano.gamberini@unipd.it](mailto:luciano.gamberini@unipd.it)) by December 24th, 2009. The acceptance notification will be sent by January 20th, 2010.

