

Gianluca Schiavo

Born on September 22, 1986

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Research Interests

- Evaluation of group and multi-modal interfaces
- Role of non-verbal behaviour in human computer interaction
- Methodologies for assessing lab-based findings in real-world settings ("*in-the-wild*" studies)
- Learning technologies for children with special educational needs

Education

2015	Ph.D. Brain & Cognitive Sciences - specialisation in Human-Computer Interaction CIMEC, University of Trento & FBK, Trento
2012	Professional Qualifying Exam National Board of Italian Psychologists
2011	M.Sc. Cognitive Science & Experimental Psychology Faculty of Psychology, University of Padova (<i>With highest honours</i>)
2008	B.S. Cognitive Science & Psychobiology Faculty of Psychology, University of Padova (<i>With highest honours</i>)

Experience

Current Since 2011	Researcher and PhD Fellow, <i>Design and Evaluation of Multi-user interfaces; Advisor: Massimo Zancanaro</i> i3 - Intelligent Interfaces & Interaction Unit, FBK, Trento, Italy
2014 Feb - May	Visiting Researcher, <i>Interactions with Public Displays; Advisor: Jörg Müller</i> Deutsche Telekom Laboratories & Technische Universität Berlin, Germany
2010 Feb - Apr	Visiting Researcher - Erasmus Mobility Grant for Placement, <i>Interaction techniques for Multi-touch tabletop displays; Advisor: Giulio Jacucci</i> Multitouch Ltd & Helsinki Institute for Information Technology - Helsinki, Finland
2010-2011	Researcher, <i>Cognitive Ergonomics, 3D Displays & Eye Movement Research; Advisor: Luciano Gamberini</i> Human Technology Lab - HTLab, Faculty of Psychology, University of Padova, Italy
2008 Jan - Apr	Visiting Student - Erasmus Mobility Grant for Study, UCL, University College of London, UK

Further Education

2013 Nov	EIT ICT Lab Winter Camp on Smart Spaces Trento, Italy
2012 Nov	TwinTide School: Research Methods for HCI (<i>awarded scholarship</i>) Bled, Slovenia
2012 Jul	1 st Summer School on Human Computer Confluence (<i>awarded scholarship</i>) Milan, Italy
2012 May	3 rd International UBI Summer School 2012 <i>Supporting Community Through Interactive Public Displays</i> Oulu, Finland

Peer-reviewed publications

Intelligent Interfaces

Schiavo, G., Cappelletti, A. & Zancanaro, M. (2014) Engagement Recognition using Easily Detectable Behavioural Cues. *Intelligenza Artificiale*, 8(2). IOS Press, 197-210.

Schiavo, G., Cappelletti, A., Mencarini, E., Stock, O., & Zancanaro, M. (2014). Overt or Subtle? Supporting Group Conversations with Automatically Targeted Directives. In *Proceedings of the 2014 International Conference on Intelligent User Interfaces (IUI '14)*. ACM, 225-234.

Schiavo, G., Mencarini, E., Cappelletti, A., Stock, O., & Zancanaro, M. (2014). Ambient Influence for Promoting Balanced Participation in Group Brainstorming. In *Proceedings of the 2014 European Conference on Ambient Intelligence (AmI '14)*. Springer, 140-144.

Schiavo, G. (2014). Socially-Aware Interfaces for Supporting Co-located Interaction. In *Proceedings of the 2014 International Conference on Intelligent User Interfaces - Doctoral Consortium (IUI '14)*. ACM, 65-68.

Interactive Displays & Digital Signage

Schiavo, G., Milano, M., Saldivar, J., Nasir, T., Zancanaro, M., & Convertino, G. (2013). Agora 2.0: Enhancing Civic Participation through a Public Display. In *Proceedings of the 2013 International Conference on Communities and Technologies (C&T '13)*. ACM, 45-54.

Schiavo, G. & Milano, M. (2013). Bringing together online and onsite technologies to support large-scale civic participation. *Workshop on Large Scale Idea Management and Deliberation System, (C&T '13)*.

Schiavo, G., Mencarini, E., Vovard, K. & Zancanaro, M. (2013). Sensing and Reacting to Users' Interest: an Adaptive Public Display. In *Proceedings of the 2013 annual conference extended abstracts on Human factors in computing systems (CHI EA '13)*. ACM, 1445-1450.

Schiavo, G. (2014) Socially-Aware Interfaces for Supporting Co-located Interaction in Urban Spaces. In *Proceedings of the 2013 International Conference on Communities and Technologies - Doctoral Consortium, (C&T '13)*.

Schiavo, G., Jacucci, G., Illmonen, T. & Gamberini, L. (2011). Evaluating an Automatic Rotation Feature in Collaborative Tabletop Workspaces. In *Proceedings of the 2011 annual conference extended abstracts on Human factors in computing systems (CHI EA '11)*. ACM, 1315-1320.

Learning technologies

Schiavo, G. & Buson V. (2014). Interactive e-Books to Support Reading Skills in Dyslexia. *Proceedings of the Workshop on Interactive e-Books for Children - iBooc'14, (IDC '14)*.

Mencarini, E., **Schiavo, G.,** Cappelletti, A., Stock, O., & Zancanaro, M. (2014). Formative Evaluation of Constrained Composition Approach for Storytelling. *Proceedings of the 8th Nordic Conference on Human Computer Interaction (NordiCHI '14)*. ACM, 987-990.

Skills

User research:	Project management from concept creation to evaluation
Concept development:	Experience in planning and conducting user requirement analysis, contextual inquiry, competitor benchmarking, heuristic evaluation and designing and administering questionnaires.
Empirical evaluation:	Designing qualitative, quantitative and mixed methods lab and field studies. Experience in conducting usability evaluations and user research.
Data analysis and reporting:	Experience in analyzing and presenting quantitative (<i>inferential statistics, machine learning</i>) and qualitative (<i>questionnaires, interviews and focus groups outcomes</i>) findings
Programming:	Working knowledge of programming languages (Processing, Javascript, Actionscript) and advanced knowledge of scientific programming (Matlab, R) and statistical analysis packages (SPSS)

Strengths

- Experience in both academic and applied research.
- Proficiency on empirical research methods and evidence-based approaches.
- Ability to interface effectively with designers, developers and project stakeholders.

Languages

English	Advanced (C1)
French	Pre-Intermediate (B1)
German	Elementary (A1)
Italian	Mothertongue

License

Italian driving licence - Type B