

Ilaria Torre is an assistant professor and a researcher in Computer Science at Genoa University.

In 2002 she obtained her Ph.D in Communication Science and Design at the Department of Computer Science, University of Turin, Italy with a dissertation on user modelling and adaptive systems.

From 2003 to 2009 Ilaria Torre was an assistant professor at Turin University where she taught Computer Networks and Applications, Intelligent Systems for Communication and Adaptive Web. She was also a member of the committee of the Doctoral School in Language and Communication Science and a member of the Laboratories on Intelligent User Interfaces, SmartLab and Multi Media & Mobile Communication.

Her early research focused on personalized on-board services and tourist-cultural mobile guides due to the collaboration with partners such as CRF (Centro Ricerche Fiar), Magneti Marelli, Telecom Italia and City of Turin.

In 2009, Ilaria Torre moved to Genoa University, joining the Department of Informatics, Systems, Telematics and the Laboratory of E-Learning and Knowledge Management.

At present, she teaches Future Internet, Computer Science and Computational Linguistics (Master Level) and Internet technologies and advances (2017), Semantic Web (2016) (Doctoral Level). She is a member of the Committee of the Doctoral School of Digital Humanities with an active role in teaching and organization. She is a member of the Governing Board of Genoa University Linguistic Centre and she heads the Research Programme in Technology-Enhanced Learning and Digital Humanities at the Department of Informatics, Bioengineering, Robotics and Systems Engineering.

Her main research interests concern human-computer interaction, intelligent user interfaces, adaptive and ubiquitous interacting systems, technology-enhanced learning.

The main projects she has coordinated in the research fields above are the following:

- (2016-present) AID-S: A recommender for Adaptive Inference Discovery Service
- (2016-present) SIMUL-TOOL: Ontology-based training tool for instructional design
- (2010-2013) Ubiquitous and Mobile Language Learning
- (2009-2012) CS-UDD cross-system user data discovery
- (2006-2007) PRIN-MIUR project on Mobile Adaptive Guides (Research Unit Head)
- (2002-2004) ARSS: Adaptive call center system

Ilaria Torre is author of a book and of about seventy papers, published in scientific journals, books and the proceedings of international conferences.

She has been invited speaker at Ubiquitous User Modeling (Haifa, Israel) and she served as chair and co-organizer of:

- SmartLearn 2017 - Intelligent Interfaces for Ubiquitous Learning workshop at ACM IUI 2017 (Limassol, Cyprus)
- IoTAAL 2017 - Internet of Things for Active and Assisted Living workshop at IEEE GloT Summit 2017 (Geneva, Switzerland)
- WUD 2017 – World Usability Day (Genoa, Italy)
- AIXIA 2016 workshops (Genoa, Italy)
- AIXIA 2016 Doctoral Consortium (Genoa, Italy)
- Didamatica 2015 (Genoa, Italy)
- Mobile Virtual Guides 2006 (Turin, Italy)

She has been reviewer for *ACM Transaction on Interactive Intelligent Systems*, *ACM Transactions on the Web*, *IEEE Pervasive Computing*, Elsevier *Telematics and Informatics*. She is a member of the Editorial Board of *Mondo Digitale* the Official Scopus Indexed Journal of the Italian Association for Informatics and Automatic Calculation.

She served as Program Committee member of several conferences and workshops, including:

- IUI 2017 - ACM Intelligent User Interfaces
- UMAP 2017; 2009 - User Modelling, Adaptation and Personalization
- Interact 2017-2013
- ICNS 2016 – Networking and Services
- ISTA 2015 - Intelligent System Technologies and Applications
- ICT 2015 – Society and Human Beings
- CISIS 2015-2014 - Complex, Intelligent and software intensive systems
- IUI 2013 – AIXIA workshop on Intelligent User Interfaces
- UP 2012 – Ubiquitous Personalization
- SASWeb 2012-2010 – UMAP workshop on Semantic Adaptive Social Web
- AI@IE 2012 – ECAI workshop on AI problems and Approaches for Intelligent Environments
- UbiquUM 2009-2008 – Ubiquitous User Modeling workshop within UMAP, AH and IUI conferences
- Recommender Systems 2008

In the early 2000s she has been an IT consultant and she set up a company (T&T Grouplet S.a.S) for web publishing, interaction design and business intelligence.

Over the years Ilaria Torre has been supervisor of several doctoral students.

Current Ph.D students and related research themes:

- Francesca Oddone (29th cycle) *Cloud computing applications and services fostering teachers' self-efficacy*,
- Simone Marcutti (31st cycle) *Immersive systems for social contexts*
- Odnan Sanchez (31st cycle) *Personalized privacy management with IoT devices*
- Shamila Esteki (31st cycle) *Virtual museum of Persian poetry*
- Sara Sehati (31st cycle) *Virtual museum of Persian music*

Past Ph.D students

- Stefania Neirotti: *IUPSIS: Interoperable User Profiles in Social Systems for Improving Searching* (2010)
- Andrea Carosso: *Design and development of videogames for language learning* (2011)
- Marco Mercurio: *Multi-device adaptive systems for language learning* (2012)
- Ilaria Cennamo: *Teaching Human Translation drawing inspiration from Machine Translation* (2015)

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