

## PERSONAL INFORMATION

### Rosa Lanzilotti



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🌐 <http://ivu.di.uniba.it/people/lanzilotti.htm>

Sex F | *Date of birth* 02/04/1974 | *Nationality* Italian

h-index: 28 (Scholar), 20 (Scopus). Total citations: 3209 (Scholar), 1619 (Scopus)

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	X Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

## WORK EXPERIENCE

01/11/2015 - present

### Associate professor

Università degli Studi di Bari Aldo Moro – Dipartimento di Informatica

INF/01 Computer Science

Research topics: Human-Computer Interaction and in particular usability engineering, usability and UX practices in the industry and public institutions, Human-Centered Artificial Intelligence, and end-user development.

Co-founding member of the IVU (Interaction, Visualization, Usability & UX) Lab of the University of Bari, where she coordinates the research on Usability Engineering and UX, and Human-Centered Artificial Intelligence.

Member of the GLU-X (Gruppo di Lavoro per l'Usabilità e la User Experience or Working Group on Usability and User experience in English), set up by the Italian Ministry of Public Administration.

01/03/2015 – 31/10/2015

### Assistant professor

Università degli Studi di Bari Aldo Moro – Dipartimento di Informatica

INF/01 Computer Science

Research topics: Human-Computer Interaction in Human-Computer Interaction and in particular usability engineering, usability and UX practices in the industry and public institutions, accessibility, technology-enhanced learning, and end-user development.

2006 - 2015

### Post-doc

Università degli Studi di Bari Aldo Moro – Dipartimento di Informatica

INF/01 Computer Science

Research topics: Human-Computer Interaction in Human-Computer Interaction and in particular usability engineering, usability and UX practices in the industry and public institutions, accessibility, technology-enhanced learning, and end-user development.

2002 - 2006 **Research contracts (Assegni di ricerca)**  
 Università degli Studi di Bari Aldo Moro – Dipartimento di Informatica  
 INF/01 Computer Science

Research topics: Human-Computer Interaction in Human-Computer Interaction and in particular usability engineering, usability and UX practices in the industry and public institutions, accessibility, technology-enhanced learning, and end-user development.

## EDUCATION AND TRAINING

2006 **Ph.D in Computer Science**  
 University of Bari, Italy  
 Title: A holistic approach to designing and evaluating e-learning systems quality: usability and educational effectiveness

2001 **Laurea degree Computer Science**  
 University of Bari, Italy  
 Title: Sistemi ipermediali per l'apprendimento della logica nella scuola elementare: studio dell'efficacia

## PROJECTS

She is the *scientific coordinator* of the UNIBA research unit in the projects eGLU Mobile (2022-2023), eGLU-Box Pro (2020-2021), eGLU-Box PA (2017-2018) and PA++ (2015-2016), funded by the Italian Ministry of Economic Development.

She collaborated with the network of excellence on End-User Development "EUD-Net IST-2001-37470", funded by the European Community, of which the Department of Computer Science of the University of Bari has been managing node.

She worked in the following EU funded project IST-2001-34290 "FairsNet - On-line Solutions for Trade Fairs". She was involved in the Cost Action IC0904 TwinTide - "ToWards INtegration of Trans-sectorial IT Design and Evaluation" and was appointed Management Committee Member for Italy. She has also worked in the COST Action 294 MAUSE – "Towards the MATuration of Information Technology USability Evaluation".

She has been involved in several other project sponsored by Italian Ministry of University and Research and Apulia Region. Among these: CHAT – "Cultural Heritage fruition & e-learning applications Advanced (MultiModal) Technologies" (2006-2008), FAR Project; DIPIS – "Distributed Production as Innovative System" POR Project; Tecnologie End-User Development Per La Personalizzazione Di Mobili Classici Italiani - Regione Puglia – PO 2007-2013 – Asse I – Linea 1.1 – Aiuti agli investimenti in ricerca per le PMI (2009-2011), POR project; LOGIN (LOGistica INtegrata) – INDUSTRIA 2015, bando "Nuove Tecnologie per il Made in Italy" (2012-2015 MI01\_00294); EDOC@WORK 3.0 "EDucation and WORK On Cloud". PON Project..

## COMMUNITY SERVICE

Technical Program Co-Chair (with Carmelo Ardito, Polytechnic University of Bari (IT) and Alessio Malizia, University of Hertfordshire (UK)) of the 18th IFIP TC.13 International Conference on Human-Computer Interaction INTERACT 2021.

Workshop Co-Chair (with Michele Roccotelli, Polytechnic University of Bari (IT)) of the International Conference IEEE SMC (Systems Man, Cybernetics) 2019.

Publicity Co-Chair (with Alexandra Dediu, CubeLogic (UK)) of the ACM Celebration of Women in Computing: womENCourage 2019.

Paper Co-Chair (with Alessio Malizia, Brunel University, (UK)) of the International Conference AVI (Advanced Visual Interfaces) 2016.

Proceedings Chair of the International Conference AVI (Advanced Visual Interfaces) 2014.

Publicity Co-Chair (with Paolo Buono, University of Bari (IT)) of the International Symposium on End-User Development (IS-EUD) 2011.

Demo Co-Chair (with Carmelo Ardito, University of Bari (IT)) of the International Conference

Interaction Design and Children (ICD) 2009.

She is one of the founders and Co-Chairs of the International Workshop on Human Factors in Software Development Processes (HuFo), 2016 and 2017. Other Co-Chairs are Prof. Silvia Abrahao, Universidad Politecnica de Valencia (UPV), Spain and Yvonne Dittrich, IT University of Copenhagen, Denmark.

She is one of the founders and Co-Chairs of the International workshop “The Landscape of UX Requirements Practices”, held in conjunction with the International Conference INTERACT. Other Co-chairs are: Gregorio Convertino (Google), Nancy Frishberg (University of California, San Diego), Jettie Hoonhout (Philips, The Netherlands), Marta Kristín Lárusdóttir (Reykjavik University, Iceland), Effie Lai-Chong Law (University of Leicester, UK)

She was part of the organizing committee of the International Congress COST-TwinTide, 2013.

She was also part of the organizing committee of the International Congress COST-MAUSE, 2009.

## EDITORIAL ACTIVITY

Associate Editor for the International Journal of Human-Computer Studies.

She is a reviewer for the following journals: Behaviour & Information Technology and International Journal of Human-Computer Interaction (Taylor & Francis), Multimedia Tools and Applications (Kluwer Academic Publishers), Journal of System and Software Studies (Elsevier Inc.).

She served on the Program Committee of several International Conferences and Workshops, including INTERACT (2019, 2017, 2015, 2013, 2011, 2009, 2007, 2005), CHI (Computer-Human Interaction, 2017), ENASE (Evaluation of Novel Approaches to Software Engineering, 2020, 2019, 2018, 2017, 2016), Advanced Visual Interface (AVI, 2018, 2016, 2014, 2012, 2010), Interaction Design & Children (IDC, 2020, 2019, 2018, 2015, 2014, 2012, 2009), Ambient Play and Learning (2014), British Computer Society – Int. Human Computer Interaction Conference (AI\*HCI, 2013).

## PHD SUPERVISION

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|----------------|---|
| 2021 - Present | Supervisor of Eleonora Cappuccio -PhD program in Artificial Intelligence XXXVII cycle. Her research topic is “Human-Centred Artificial Intelligence”  |
| 2022 - Present | Co-Supervisor of Sabina Akram – PhD program in Computer Science and Mathematics (University of Bari) XXXVII cycle. Her research topic is “Methodologies and techniques for creating Human-Centred Intelligent Systems”. |
| 2020 - Present | Supervisor of Marco Saltarella – PhD program in Computer Science and Mathematics XXXV cycle (University of Bari). Her research topic is “Design and development of usable privacy-enhancing tools”                      |
| 2015-2017      | Co-Supervisor of Patrizia Russo – PhD program of University of Melbourne, Australia   |

She has and has been in the evaluation committee of several PhD students

## TEACHING

- |                |   |
|----------------|---|
| 2021-2022      | MSc course on Computer Science, Artificial Intelligence Curriculum, University of Bari, “Interact with intelligent systems”, (6CFU)   |
| 2021-2022      | PhD course on Artificial Intelligence, University of Pisa, “Human-Centered AI (HCAI): an innovative vision for designing intelligent systems”   |
| 2020-2021      | PhD course on Computer Science and Mathematics, University of Bari, “Human-Computer Interaction for Artificial Intelligence”  |
| 2011 - Present | She also teaches Human-Computer Interaction and Multimedia design and development, both basic courses for undergraduates in Computer Science and Digital Communication of UNIBA. She has been supervisor of about 70 bachelor and master’ thesis. |

## INSTITUTIONAL RESPONSIBILITIES

- 2021 - Present Academic Board of the National Doctorate Program on AI, University of Pisa, Italy
- 2016 - 2021 Academic Board of the Doctorate Program on Computer Science and Mathematics, University of Bari, Italy.
- 2021 - Present Member of the Extended Board of the ACM SIGCHIItaly (the Italian chapter of ACM SIGCHI). She has been appointed by the President and Vice-President of the ACM SIGCHIItaly as responsible for the area of interest "Industry and Public Administration"
- 2019 - Present Member of the Didactic Committee of the Department of Computer Science
- 2015 - Present Selected by the Coordinator of the Computer Science Laurea Degrees of UNIBA as the reference person for the Laurea Triennale on Computer Science and Digital Communication.
- 2015 - Present Appointed by the Director of the Department of Computer Science as disability representative.

## INVITED TALKS

- December 10th, 2015 "Promoting UX practices in Industry and Public Organizations", University of Patras, GR
- 28 Settembre 2012 "Use of patterns in the evaluation of e-learning systems", Workshop "Contribution of Intranet portals to intellectual capital development in service organizations", Gdansk University of Technology, Faculty of Management and Economics, Poland.
- 25 Febbraio 2009 "Possibilities and challenges of mobile learning", Manchester Business School, University of Manchester, UK.
- 2015 - Present "Corso di introduzione all'uso del protocollo eGLU 2.1", one-year course organized by the Italian Ministry of Public Administration in collaboration with the Higher Institute of Communications and Information Technology of the Italian Ministry of Economic Development

## FELLOWSHIPS AND AWARDS

- 2009 Best paper award - IEEE at the conference Human System Interaction (HSI 2009) May 21-23, 2009, Catania. Title: "A tool for Wizard of Oz studies of multimodal mobile systems"

## ADDITIONAL INFORMATION

### Qualifications

- 09/09/2019 Qualification to Full Professor in 09/H1 (SSD ING/INF05) sector in the ASN (Abilitazione Scientifica Nazionale), the Italian scientific qualification system.ASN I Fascia – settore 09/H1
- 10/04/2017 Qualification to Full Professor in 01/B1 (SSD INF/01) sector in the ASN (Abilitazione Scientifica Nazionale), the Italian scientific qualification system.

### Membership

Member of ACM (ID: 2175018), ACM SIGCHI, SIGCHI Italy (the Italian chapter of ACM SIGCHI)  
 IFIP TC13 - Human-Computer Interaction, WG 13.2 - Methodologies for User-Centered Systems Design  
 Member of the following interdepartmental research centers of the University of Bari METEA (Environment), CITEL (Telemedicine).

### Patent

Italiano Patent n. 1401512. Title: "Infrastruttura multimediale e metodo per guidare la visita ad un sito di interesse". Inventori: C. Ardito, P. Buono, M. F. Costabile, R. Lanzilotti, A. Piccinno

## PUBLICATIONS

10 Publications best and most relevant in the last 10 years

Rosa Lanzilotti is co-author of more than 110 papers published in journals, international conferences and collections. In the following a restricted set of papers.

1. Ardito C., Desolda G., Lanzilotti R., Malizia A., Matera M., Buono P, Piccinno A. (2020). User-defined Semantics for the Design of IoT Systems Enabling Smart Interactive Experiences. Personal and Ubiquitous Computing. (2020). <https://doi.org/10.1007/s00779-020-01457-5>

2. Buono P., Caivano D., Costabile M.F., Desolda G.,Lanzilotti R. (2020). Towards the detection of UX Smells: the support of visualizations. IEEE Access. Volume 8, 2020. 10.1109/ACCESS.2019.2961768
3. Desolda, G., Matera, M., Lanzilotti R. (2020). Metamorphic Data Sources: a User-centric Paradigm to Consume Linked Data in Interactive Workspaces. Future Generation Computer Systems (FGCS), 102 (January 2020), 992-1015. <https://doi.org/10.1016/j.future.2019.09.032>
4. Ardito, C., Desolda, G., Lanzilotti, R., Alessio Malizia, Maristella Matera (2019). Analysing Trade-offs in Frameworks for the Design of Smart Environments. Behaviour and Information Technology (BIT), <https://doi.org/10.1080/0144929X.2019.1634760>
5. Desolda, G., Ardito, C., Jetter, H.-C., and Lanzilotti, R. (2019). Exploring spatially-aware cross-device interaction techniques for mobile collaborative sensemaking. International Journal of Human-Computer Studies, 122 (February 2019), 1-20, <https://doi.org/10.1016/j.ijhcs.2018.08.006>
6. Ardito C., Desolda G., Lanzilotti R., Malizia A., Matera M. (2019). Analysing trade-offs in frameworks for the design of smart environments, Behaviour & Information Technology.
7. D. Caivano, D. Fogli, R. Lanzilotti, A. Piccinno, F. Cassano. (2018). Supporting end users to control their smart home: design implications from a literature review and an empirical investigation, Journal of Systems and Software, Volume 144, pp. 295-313, ISSN:0164-1212, DOI:10.1016/j.jss.2018.06.035.
8. Buono P., Costabile M.F., Lanzilotti R. (2014). A circular visualization of people's activities in distributed teams. Journal on Visual Languages and Computing, vol. 25, 903-911, doi: 10.1016/j.jvlc.2014.10.025.
9. Ardito C., Buono P., Caivano D., Costabile M.F., Lanzilotti R. (2014). Investigating and promoting UX practice in industry: an experimental study. International Journal of Human-Computer Studies, 72, pp. 542–551. Elsevier, Maryland Heights, Missouri, USA. ISSN 1071-5819, doi: <http://dx.doi.org/10.1016/j.ijhcs.2013.10.004>.
10. Ardito C., Costabile M.F. De Angeli A., Lanzilotti R. (2012). Enriching archaeological parks with contextual sounds and mobile technology. ACM Transaction on Computer-Human Interaction, 19 (4), Article 29 (December 2012), 30 pages. ACM Press, New York, NY, USA.

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

Bari, 03/05/2022

Rosa Lanzilotti

