



Antonio Piccinno



europass

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Università degli Studi di Bari Aldo Moro, Department of Computer Science, Via Orabona 4, 70125, Bari, Italy

WORK EXPERIENCE

2019 – CURRENT – Bari, Italy

ASSOCIATE PROFESSOR – DEPARTMENT OF COMPUTER SCIENCE - UNIVERSITY OF BARI ALDO MORO

Research topics: Human-Computer Interaction, Software Engineering, End-User Development, Internet of Things, Smart Environments
INF/01 Computer Science

2008 – 2020 – Bari, Italy

ASSISTANT PROFESSOR – DEPARTMENT OF COMPUTER SCIENCE - UNIVERSITY OF BARI ALDO MORO

Research topics: Human-Computer Interaction, End-User Development, Internet of Things, Smart Environments, Visual Interactive Systems, Component-Based Software Development, WWW Interfaces, Multimodal and Multimedia Interaction
INF/01 Computer Science

EDUCATION AND TRAINING

2005 – Department of Computer Science, Via Orabona, 4, Bari, Italy

PH.D IN COMPUTER SCIENCE. THESIS TITLE: "SOFTWARE ENVIRONMENTS FOR SUPPORTING END-USER DEVELOPMENT" – University of Bari Aldo Moro

2001 – Department of Computer Science, Via Orabona, 4, Bari, Italy

M.SC. IN COMPUTER SCIENCE. THESIS TITLE: "PERSONALIZATION USER PROFILE ENGINE" – University of Bari

BIBLIOMETRIC INDICES – Scholar: h-index: 25 - citations: 1938 | Scopus: h-index: 20 - citations: 1169

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PROJECTS

2019 – 2022

SimPLE - with leadership roles

SimPLE (funded by the Apulia Region (Italy) (co-PI for the Uniba research unit)

Projects with other roles

He has collaborated to 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. He also collaborated to other projects: IST-1999-12641 "FAIRWIS - Trade Fair Web-based Information Services" (during 2000-2001) and IST-2001-34290 "FairsNet - On-line Solutions for Trade Fairs" (during 2002-2003), funded by the European Community.

He 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 (LAST 5 YEARS)

CURRENT
FPC chair

Full Papers Co-Chair of the 19th IFIP TC.13 International Conference on Human-Computer Interaction INTERACT 2023 to be held in York, UK.

Full Papers Co-Chair (with Helen Petrie of University of York, UK) of the 18th IFIP TC.13 International Conference on Human-Computer Interaction INTERACT 2021.

2011
Program Co-Chair

Program Co-Chair of the "3rd International Symposium on End User Development" (IS-EUD), Torre Canne-BR (Italy), 7-10 giugno 2011.

International Symposium on End User Development (IS-EUD), since 2011

Doctoral Consortium co-chair

Doctoral Consortium Co-Chair (with Antonella De Angeli, University of Bozen, Italy) at the International Symposium on End-User Development (IS-EUD) 2017.

Doctoral Consortium Co-Chair (with Monica Maceli, Pratt Institute's School of Information, USA) at the International Symposium on End-User Development (IS-EUD) 2021.

Workshop Co-Chair

He is one of the founders and Co-Chairs of the seven editions of the International workshop on Culture of Participation in the Digital Age (CoPDA), 2013, 2014, 2015, 2016, 2018, 2020, and 2022. Other Co-chairs are Prof. Gerhard Fischer, University of Colorado, US, Prof. Anders Mørch, University of Oslo, Norway and Prof. Daniela Fogli, University of Brescia, Italy.

He is one 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. 2016

AC member

He served as Associate Chair (AC) in the Program Committee of International Conferences:

- INTERACT 2019 – International Conference on Human-Computer Interaction, Paphos, Cyprus
- INTERACT 2017 - International Conference on Human-Computer Interaction, Mumbai, India.
- INTERACT 2015 - International Conference on Human-Computer Interaction, Bamberg, Germany.
- AVI 2022 - International Conference on Advanced Visual Interfaces, Frascati, Italy
- AVI 2020 - International Conference on Advanced Visual Interfaces, Island of Ischia, Italy.
- ECIS 2019- European Conference on Information Systems, Associate Editor track "Contemporary Socio-Technical Perspectives", Stockholm, Sweden.
- ECIS 2018 - European Conference on Information Systems, Associate Editor track "Socio-technical Change: a Dialectic among Individuals, Technologies and Social Contexts", Portsmouth, UK.

Regular reviewer

Piccinno is reviewer for the following journals: ACM TOCHI - Transactions on Computer-Human Interaction, TWEB - Transactions on the Web, JSS - Journal of Systems and Software, MTAP - Multimedia Tools and Applications; JVL - Journal of Visual Languages and Computing, IST - Information and Software Technology; IJDET - International Journal of Distance Education Technologies; ASE - Advances in Software Engineering; ETS - Journal of Educational Technology & Society; IJSEKE – International Journal of Software Engineering and Knowledge Engineering; IJSKD - International Journal of Sociotechnology and Knowledge Development; IJDET - International Journal of Distance Education Technologies; Program journal and ID&A - International Journal on Interaction Design & Architecture(s).

EDITORIAL ACTIVITY

2019 – CURRENT

Editorial board

Antonio Piccinno is member of the EDITORIAL BOARD of the following international journals:

- "Behaviour and Information Technology - BIT", ISSN 0144-929X, Taylor & Francis.
- "IEEE Access", ISSN 2169-3536, IEEE Press.
- "Advances in Human-Computer Interaction", ISSN 1687-5893.

2016 – 2020

Guest editor

Antonio Piccinno has been guest editor of the:

- Special Issue on “Design trade-offs in cultures of participation: empowering end users to improve their quality of life” on the Behaviour & Information Technology Journal.
- Special Issue on “Semiotics, Human-Computer Interaction and End-User Development” on the Journal of Visual Languages and Computing together.

● **INSTITUTIONAL RESPONSIBILITIES**

2012 – CURRENT

PhD board on Computer Science and Mathematics

Board of the PhD program in Computer Science and Mathematics, cycles XXIX, XXX, XXXI, XXXII, XXXIII, XXXIV, XXXV, XXXVI e XXXVII, University of Bari Aldo Moro, Italy

2009 – 2012

PhD board on Computer Science

Board of the PhD program in Computer Science, cycles XXVI, XXVII, XXVIII, University of Bari Aldo Moro, Italy

● **PHD SUPERVISION AND COMMITTEES**

2020 – CURRENT

Supervisor of Vincenzo Gattulli

Supervisor of Vincenzo Gattulli - PhD program in Computer Science and Mathematics XXXVII cycle

2015 – 2018

Supervision of Fabio Cassano

Supervisor of Fabio Cassano - PhD program in Computer Science and Mathematics XXXI cycle

2017 – 2020

External Committee Member

- Francesco Benzi, XXX Cycle, Dottorato di Ricerca in Ingegneria dell'Informazione, Università degli Studi di Brescia.
- Francesco Pascale, XXXII Ciclo, Dottorato di Ricerca in Industrial Engineering, Università degli Studi di Salerno.

2017 – 2020

Final PhD Exam Committee Member

- Information Technology and Electrical Engineering, Università degli Studi di Napoli Federico II (D.R. n. 115 del 12.01.2018).
- Ingegneria Informatica e dei Sistemi (Ph.D. Degree in Computer and Control Engineering), Politecnico di Torino (D.R. n. 493 del 21.05.2020).

Phd student Evaluation Committee Member

- Stefano Galantucci, XXXVI Cycle, PhD program in Computer Science and Mathematics;
- Vita Santa Barletta, XXXIII Cycle, PhD program in Computer Science and Mathematics;

- Giuseppe Iaffaldano, XXXII Cycle, PhD program in Computer Science and Mathematics;
- Roberto Corizzo, XXX Cycle, PhD program in Computer Science and Mathematics.

● **TEACHING**

2014 – CURRENT

Summary of courses taught

PhD course on "Methods and applications of End-user development", PhD program in Computer Science and Mathematics XXVIII cycle.

PhD course on "New Interaction Paradigms", PhD program in Computer Science and Mathematics XXX and XXXI cycle.

PhD course on "Cloud Security", PhD program in Computer Science and Mathematics XXXIV cycle.

Currently, he is teaching Software Engineering, a basic course for undergraduates in Computer Science of the University of Bari, and Cloud Computing and IoT Security for graduate students in Computer Science of the University of Bari. He taught several courses for both undergraduate and graduate Computer Science curricula, for undergraduate Business Economics curricula, and for the PhD Program in Computer Science. He has been supervisor of about 70 bachelor and master' thesis, has supervised one PhD student and was and is in the evaluation committee of several PhD students.

● **HONOURS AND AWARDS**

2009

Best paper award – University of Catania

Best Paper Award in the area of Human-centered Computing System Design:

C. Ardito, P. Buono, M. F. Costabile, R. Lanzilotti, A. Piccinno. A tool for Wizard of Oz studies of multimodal mobile systems. Proc. HSI'09, Catania, Italy, May 21-23, 2009, pp. 344-347, ISBN: 978-1-4244-3960-7

2010

Best Track Paper Award – itAIS

Best Track Paper Award:

Barricelli, B.R., Mussio, P., Padula, M., Piccinno, A., Scala, P.L., Valtolina, S. (2010). Interactive Task Management System Development Based on Semantic Orchestration of Web Services. In Proceedings of VII Conference of the Italian Chapter of AIS (ItAIS), Naples, Italy.

● **ADDITIONAL INFORMATION**

ASN

ASN I Fascia – settore 01/B1

ASN I Fascia – settore 09/H1

● **PATENTS**

2012 – 2019

Industrial Patent (Italian) N. 0001401512 of 2013

Multimedia Infrastructure and method to guide a visit to a site of interest. Inventors: Carmelo Ardito, Paolo Buono, Maria Francesca Costabile, Rosa Lanzilotti, Antonio Piccinno. Dipartimento di Informatica, Università degli Studi di Bari Aldo Moro. Industrial Patent (Italian) N. 0001401512 of 2013

PUBLICATIONS

Best and most relevant papers in the last 10 years

1. Balducci, F., Buono, P., Desolda, G., Impedovo, D. and Piccinno, A. 2020. Improving smart interactive experiences in cultural heritage through pattern recognition techniques *Pattern Recognition Letters* 131 (2020/03/01/ 2020), 142-149. 10.1016/j.patrec.2019.12.011: <https://doi.org/10.1016/j.patrec.2019.12.011>
2. Ardito, C., Desolda, G., Lanzilotti, R., Malizia, A., Matera, M., Buono, P. and Piccinno, A. 2020. User-defined semantics for the design of IoT systems enabling smart interactive experiences *Pers Ubiquit Comput* (2020/06/12 2020). 10.1007/s00779-020-01457-5: <https://doi.org/10.1007/s00779-020-01457-5>
3. Fogli, D., Piccinno, A., Carmien, S. and Fischer, G. 2019. Exploring design trade-offs for achieving social inclusion in multi-tiered design problems *Behaviour & Information Technology* (2019), 1-20. 10.1080/0144929X.2019.1634153: <https://doi.org/10.1080/0144929X.2019.1634153>
4. Barricelli, B. R., Cassano, F., Fogli, D. and Piccinno, A. 2019. End-user development, end-user programming and end-user software engineering: A systematic mapping study *Journal of Systems and Software* 149 (2019/03/01 2019), 101-137. 10.1016/j.jss.2018.11.041: <https://doi.org/10.1016/j.jss.2018.11.041>
5. Caivano, D., Fogli, D., Lanzilotti, R., Piccinno, A. and Cassano, F. 2018. Supporting end users to control their smart home: design implications from a literature review and an empirical investigation *Journal of Systems and Software* 144 (2018/10/01 2018), 295-313. 10.1016/j.jss.2018.06.035: <https://doi.org/10.1016/j.jss.2018.06.035>

Scholar profile

<https://scholar.google.com/citations?user=jw5r9H4AAAAJ&hl=it>

Scopus profile

<https://www.scopus.com/authid/detail.uri?authorId=36476592000>

DBLP profile

<http://dblp.uni-trier.de/pers/hd/p/Piccinno:Antonio>