



Giuseppe Desolda

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Via Provinciale San Vito 40, 72100, Brindisi, Italy

WORK EXPERIENCE

07/02/2022 – CURRENT

ASSISTANT PROFESSOR (RICERCATORE A TEMPO DETERMINATO DI TIPO B) – COMPUTER SCIENCE DEPT., UNIVERSITY OF BARI

17/02/2020 – 06/02/2022

ASSISTANT PROFESSOR (RICERCATORE A TEMPO DETERMINATO DI TIPO A) – COMPUTER SCIENCE DEPT., UNIVERSITY OF BARI

16/06/2012 – 14/02/2020

RESEARCH FELLOW (ASSEGNISTA DI RICERCA) – COMPUTER SCIENCE DEPT., UNIVERSITY OF BARI

5 research grants as research fellow in the periods: 15/3/19 - 14/3/20; 27/6/18 - 26/2/19; 15/3/17 - 14/3/18; 1/4/16 - 31/3/17; 16/6/12- 31/3/13)

CURRENT POSITIONS

- Qualification to Associate Professor in 09/H1 (SSD ING/INF05) sector in the ASN (Abilitazione Scientifica Nazionale), the Italian scientific qualification system, valid from 6/01/2020 to 16/01/2029.
- Qualification to Associate Professor in 01/B1 (SSD INF/01) sector in the ASN (Abilitazione Scientifica Nazionale), the Italian scientific qualification system, valid from 07/08/2018 to 07/08/2027.
- Coordinator of the research activities on "Novel Interaction Techniques", "Internet of Things", "Usable Security" at the IVU Lab at the Computer Science Dept., University of Bari
- Member of the Italian working group for usability and UX (Gruppo di Lavoro per l'Usabilità e user eXperience - GLU-X) of the Department of Public Service, Presidency of the Council of Ministers.
- Member of the Interdepartmental Center for Research in Telemedicine (CITEL) at the University of Bari.
- Member of ACM (Membership record 7869937), SIGCHI and SIGCHI Italy.
- Member of CINI (Consorzio Interuniversitario Nazionale per l'Informatica) for "Smart Cities" and "Big Data" laboratories.
- Member of GRIN (GRuppo di INformatica).

EDUCATION AND TRAINING

01/04/2013 – 15/04/2016

PH.D. IN COMPUTER SCIENCE – University of Bari Aldo Moro

01/10/2009 – 19/07/2011

MASTER'S DEGREE IN COMPUTER SCIENCE WITH MARK 110/110 CUM LAUDE – University of Bari Aldo Moro

01/10/2006 – 21/07/2009

BACHELOR'S DEGREE IN COMPUTER SCIENCE (110/110 CUM LAUDE) – University of Bari Aldo Moro

TEACHING ACTIVITIES

01/01/2018 – CURRENT

PH.D. COURSES

A.A. 2020-2021 – Human-Computer Interaction for AI (1 CFU), Ph.D. course in Computer Science and Mathematics, XXXVI cycle, University of Bari.

A.A. 2018/2019 – Usable Security, Ph.D. course in Computer Science, XXXIV cycle, University of Bari.

A.A. 2017/2018 – IoT Technologies and Tools for Configuring Smart Environments, Ph.D. course in Computer Science, XXXIII cycle, University of Bari.

01/01/2020 – CURRENT

MASTER COURSES

A.A. 2021/2022, 2020/2021 - IoT Security (2 CFU) together with Prof. Antonio Piccinno (4 CFU), Master of Computer Science, Curriculum Security Engineering, University of Bari.

A.A. 2020/2021 - Internet of Things (6 CFU), Master of Computer Science, Curriculum Software and Services Engineering, University of Bari.

A.A. 2021/2022, 2020/2021 – Mobile Security (Sicurezza in ambienti mobile) (1 CFU) together with Prof. Paolo Buono (5 CFU), Master of Cybersecurity, University of Bari.

01/01/2016 – CURRENT

BACHELOR COURSES

A.A. 2021/2022, 2020/2021 – Web programming (Programmazione per il Web) (6 CFU), Bachelor of Computer Science and Digital Communication, University of Bari.

A.A. 2019/2020, A.A. 2018/2019 - Web programming (Programmazione per il Web) (9 CFU Bachelor of Computer Science and Digital Communication, University of Bari.

A.A. 2017/2018, A.A. 2016/2017 - Informatics and geological data analysis (Informatica e analisi dei dati geologici) - Mod I (6 CFU), Bachelor of Science in Geological Sciences, University of Bari.

CURRENT

Tutoring

Ph.D. students:

Co-tutor of Saltarella Marco, XXXV cycle, Ph.D. Programme in Computer Science and Mathematics. Research area: Usable Security. Tutor: Prof.ssa Rosa Lanzilotti

Co-tutor of Aneke Joseph Ogochukwu, XXXIV cycle, Ph.D. Programme in Computer Science and Mathematics. Research area: Human-Computer Interaction and Cybersecurity. Tutor: Prof. Carmelo Ardito.

Master's and bachelor's degree:

He has been tutor and co-tutor of more than 100 students of Bachelor's and Master's degree courses at the University of Bari; main topics: end-user development, interaction with IoT devices, Cybersecurity and HCI (usable security), interaction with artificial intelligence systems (Human-Centered Artificial Intelligence), usability and UX.

ACADEMIC ACTIVITIES

Research interests and bibliometric indices

His current interests are on Human-Computer Interaction, specifically on:

1. Usability engineering
2. User eXperience and usability
3. Human-Centered Artificial Intelligence
4. End-User Development
5. Internet of Things

h-index: 15 (Scholar), 13 (Scopus). Total citations: 865 (Scholar), 627 (Scopus)

Editorial activity

Associate Editor for the international journal IEEE Access.

Reviewer for the following journals: ACM Transaction on Human-Computer Interaction (TOCHI), ACM Transactions on the Web (TWEB), Behaviour & Information Technology (BIT), European Alliance for Innovation (EAI), Future Generation Computer Systems (FGCS), IEEE Access, IEEE Journal of Biomedical and Health Informatics (J-BHI), IET Software, International Journal of Human-Computer Studies (IJHCS), Journal of Systems and Software (JSS), Journal of Visual Languages and Computing (JVLC), Mobile Information Systems, Multimedia Tools and Applications (MTAP), PLOS ONE, Sensor

Main scientific conference organization

Workshop and tutorial Co-chair at AVI (International Conference On Advanced Visual Interfaces) 2022
Short Paper Co-Chair at INTERACT 2021
Demo Co-Chair at INTERACT 2019
Proceeding Co-Chair at PerDis (ACM International Symposium on Pervasive Displays) 2019
Poster e Demo Co-Chair at AVI (ACM International Conference On Advanced Visual Interfaces) 2018
Publicity Chair at AVI 2016 (ACM International Conference On Advanced Visual Interfaces) 2016

Associate Chair for scientific conference

DIS (Designing Interactive Systems) 2022
CHI (Conference on Human Factors in Computing Systems) 2021, 2022
NordiCHI (Nordic forum for Human-Computer Interaction) 2020
IFIP International Conference on Human-Computer Interaction (INTERACT) 2019

Main scientific conference organization committee

AVI (ACM International Conference On Advanced Visual Interfaces) 2016, 2018, 2020
CHIItaly (Biannual Conference of the Italian SIGCHI Chapter) 2017, 2019, 2021
CoopIS (International Conference on Cooperative Information Systems) 2019, 2020, 2022
ICWE (International Conference on Web Engineering) 2017, 2019
IE (International Conference on Intelligent Environments) 2018, 2021
INTERACT 2019
IS-EUD (International Symposium on End-User Development) 2017, 2019, 2021
IUI (ACM International Conference on Intelligent User Interfaces) 2020
MUM (International Conference on Mobile and Ubiquitous Multimedia) 2018, 2019, 2021
PerDis (ACM International Symposium on Pervasive Displays) 2019

Invited presentations at international scientific conferences

II International Workshop on EMPATHY (2021); International Workshop on EMPATHY (2020); I- CITIES 2020; INTERACT 2019; (HCII) 2019; (CHI) 2019 – Workshop “New Directions for the IoT: Automate, Share, Build and Care”; (CHI) 2018; International Conference on Advanced Visual Interfaces (AVI) 2018; (ICWE) 2017; (DMS) 2016; (SEBD) 2016; (AVI) 2016; (ICWE) 2015; (IIMSS) 2015; (IFKAD) 2015; (IS-EUD) 2015; (ICWE) 2014; (AVI) 2014; CHIItaly 2013.

RESEARCH ACTIVITIES IN FOREIGN UNIVERSITIES

20/09/2014 – 02/09/2020

Invited visiting researcher

2/9/2019 – 2/9/2020, Invited visiting researcher. Hertfordshire University, UK.
23/1/2018 – 22/2/2018, Invited visiting researcher, Hertfordshire University, UK.
26/9/2017- 26/10/2017, Invited visiting researcher, Hertfordshire University, UK.
1/7/2017 – 30/7/2017, Invited academic visitor, Brunel University of London, UK.
20/9/2014 – 20/12/2014, Invited visiting researcher, University College London (UCL), UK.

20/07/2014 – 31/07/2021

Teaching at international schools

5/2021 - 7-2021 - Lecturer, by invitation, for the summer school "Foreign Training Program 2020-21", organized by the Indian Institute of Technology (IIT) Kharagpur.

20.07.2014 - 02.08.2014 teacher and tutor at the *SURGEOM* summer school: (ERASMUS Intensive Programme), Linz (Austria).

25/07/2017 – 11/01/2022

Invited seminars

11/1/2022, King's College London (remote), title: "How cybersecurity is exploiting human factors to scam users? Lessons learned in phishing attacks"

20/2/2018, Sheffield Hallam University, title: "Empowering Cultural Heritage Experts to Design Smart Environments".

25/1/2018, University of Hertfordshire, title: "Not yet another smartphone app for museums: can we empower cultural heritage experts to design smart environments?"

25/7/2017, University of Cambridge, title: "Not yet another smartphone app for museums: can we empower cultural heritage experts to design smart environments?"

PROJECTS

Activities in Research Projects

SIMPLE (Sistemi Integrati autoMatizzati Per la colTivazione Indoor) 2020 -2022, funded by the Apulia Region.

Role: Working unit manager for the activities of "Design and development of the automated plant subsystem".

LIFT (Learning Intelligent Factory based on information Technologies) 2020 - 2023, funded by MISE.

Role: Working unit manager for State of the Art and State of the Practice review activities.

EMPATHY, 2019 - 2021: PRIN (Projects of Significant National Interest) funded by MIUR.

Role: Working unit manager for the development of a web platform for customizing smart interactive environments.

eGLU-Box PRO, 2019 - 2020: funded by the Ministry of Economic Development.

Role: Working unit manager for the extension of eGLU-BOX PA with new visualization techniques and chatbots.

eGLU-BOX PA, 2018 - 2019: funded by the Ministry of Economic Development.

Role: Working unit manager for the re-engineering of UTAssistant for ISO 25010 certification.

PA++ (for a + mobile and + usable Public Administration), 2016-2017. Funded by the Ministry of Economic Development

Role: Working unit manager for the design and development of a Web platform, called UTAssistant, to perform usability analysis of websites in a semi-automatic way.

PON VINCENTE "A Virtual collective INtelligenCe ENvironment to develop sustainable Technology Entrepreneurship ecosystems", 2012-2015

Role: Working unit manager for the activity of design and development of a Web platform for the composition of data sources through a composition paradigm suitable for non-computer users.

PON LOGIN (LOGistica INtegrata), 2012-201

Role: Working unit manager for the activity of study of Models for the Web Interface Layer

PON DSE (Digital Services Ecosystem), 2013-2016.

Role: design and execution of experiments in Telemedicine

THIRD MISSION

Activities of third mission

Member since 2015 of the GLU-X (Gruppo di Lavoro per l'Usabilità e la User eXperience or "Usability and UX Working Group" in English), a working group set up by the Italian Ministry of Public Administration, which aims at developing a culture of usability and UX in the Italian public administration. Among the other activities within GLU, he coordinated and performed the design and development of eGLU Box PA, a web-based platform aiming at supporting public administration staff in carrying out usability tests to improve the quality of the websites accessed by citizens. eGLU Box is certified ISO 25010.

Research collaboration with the department "Products & Innovations, Technology", SAP SE, Walldorf, Germany, on the topic "Transformative User eXperience"

Co-founder and Vice President of the Board of Directors of "LARE Srl", spin-off of UNIBA, a company that operated in the field of telemedicine and teleassistance from 2013 to 2017.

AWARDS

Awards received during the academic activity

- Winner of the REFIN (REsearch For INnovation) project promoted by Regione Puglia. The research project he presented was ranked in 6th position among more than 1000 project ideas.
- Selected by the Scientific Committee of the Heidelberg Laureate Forum (HLF) Foundation as one of the 200 most qualified young researchers in the field of mathematics and computer science admitted to the HLF organized from September 22 to 27, 2019.
- Award "10X10: 100 PROJECTS TO CHANGE PA" for the UTAssistant platform, presented at the FORUM PA 2017 conference.
- Winner of the "Rapid Mashup Challenge" organized during the International Conference on Web Engineering (ICWE) 2015.

PUBLICATIONS

SHORT LIST OF THE 5 MOST RELEVANT PUBLICATIONS

- Desolda G., Ferro L. S, Marrella A., Catarci T., Costabile M. F.. (2021). Human Factors in Phishing Attacks: A Systematic Literature Review. In ACM Computing Surveys. 54, 8, Article 173, 35 pages. ACM, New York, NY, USA.
- 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
- Ardito C., Buono P., Desolda G., Matera M. (2018). From Smart Objects to Smart Experiences: an End-User Development Approach. International Journal of Human-Computer Studies, 114 (June 2018), 51-68
- Desolda, G., Ardito, C. and Maristella, M. (2017). Empowering end users to customize their smart environments: model, composition paradigms and domain-specific tools. ACM Transactions on Computer-Human Interaction (TOCHI), 24(2), 1-52
- Ardito C., Buono P., Costabile M. F., Desolda G. (2015). Interaction with large displays: a survey. ACM Computing Survey, 47 (3).

The updated and complete list of publications is available at this link <https://scholar.google.com/citations?user=a1N8xu8AAAAJ&hl=it>

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

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

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

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, 02/05/2022



Giuseppe Desolda