

Curriculum Vitae - Paola Inverardi

Researcher ID:	orcid.org/0000-0001-6734-1318	Date of birth	3-11-1957
Home URL:	http://www.univaq.it/inverard	Nationality:	Italian

Education

1981 Laurea Degree in Scienze dell'Informazione - Università di Pisa, Italy

Current and Previous positions

1994 - now Professor of Computer Science University of L'Aquila, Italy
2013 - 2019 Rector University of L'Aquila, Italy
1984 - 1994 Researcher at IEI-CNR, Pisa Italy
1981 - 1984 Researcher at Olivetti-DIDAU Research Center Pisa, Italy

Fellowships, Awards, and Memberships of Scientific Societies

ACM **Fellow**, IFIP **Fellow**, IEEE TCSE **Distinguished Service Award** for outstanding and sustained contributions to software engineering community, **Honorary Doctorates** Mälardalen University, Sweden, and Shibaura Institute of Technology, Japan, Member of: **Academia Europaea**, **Scientific Advisory Board** of the Internet Interdisciplinary Institute, Universitat Oberta de Catalunya, "Il Quadrato della Radio" Association, ACM Tech Policy Council, **Vice-chair** of EU TPC ACM. **Past member** of EU ACM, ACM Europe Council, ACM SIFSOFT Executive Committee.

Supervision of graduate students and postdoctoral fellows

Current - *Patrizio Migliarini*, UDA, L'Aquila - Italy, *Costanza Alfieri*, PhD AI, Italy

Completed - **15 PhD students**. *H. Muccini*, *P. Pelliccione*, *M. Tivoli*, Full Profs (Italy). *A. Di Marco*, *M. Caporuscio*, *L. Mostarda*, *M. Autili*, *R. Spalazzese*, Assoc. Profs (Italy, Sweden). *Mai Abusair*, Assistant Professor (Palestine). *M. Castaldi*, Reply S.p.A. Italy. *F. Mancinelli*, System Development Engineer at Amazon, Ireland. *S. Afsharian*, Ericsson, Italy. *P. Di Benedetto*, Ministero di Grazia e Giustizia, Italy. *M. Mori*, Banca d'Italia. *G. Scoccia*, post-doc (Italy).

Among the many Ms students I supervised I mention *Elena Grifoni-Winters*, Head of ESA Director General's Cabinet European Space Agency and *Monica Nesi*, AP at UDA.

Research activities

My research activities are in the area of the application of rigorous methods to the development of better quality software systems. In the last decades my research interests concentrated in the field of software architectures and self-adaptive/autonomous systems. With the advent of systems that automate user specific behaviours, correctness has taken a new dimension. Privacy and ethics of user may be at risk and autonomous systems shall not infringe them. My most recent research concerns the development of user's personalized software (software exoskeleton) that empowers the user by mediating her interactions according to her moral preferences. A distinctive character of my research is to improve the code production of the final system besides improving the high-level systems design phases. This attitude has been fertilized by systematic collaborations with software industries.

Teaching activities

Coordinator of Laurea Program: 1994 - 2000. managing the transition to the Bologna process.

Teaching: Responsible of one or two courses per year.

Institutional Responsibilities

2013 - 2019 **Rector** In 2013, I was elected Rector of the University of L'Aquila

2021 **G20 Sherpa** for the Ministry of Research.

2019 - now **National Representative Governing Board for EuroHPC**, **Member of board of Directors of GARR network**

2022 - now **Member of the Scientific Council of the National Research Council (CNR)**

Past **National Deleg. for H2020-ICT Committee**, member of the **founding committee** for the institution of the Int. PhD school Gran Sasso Science Institute (GSSI), L'Aquila. Moreover, in different periods from 1994 to 2013, I covered the positions of **President of the Board of Department Directors**, **CS Department Director**, **Director of the DISIM Department**, **Dean of Faculty**, **Member of Senate Board**.

Reviewing activities

Advisory Board member of the Elsevier Science of Computer Programming journal, **Associate editor** of Springer SN Computer Science, Elsevier Computer Science Review, Springer Computing journals, **Reviewer** for, and **Member** of, several evaluation committees, among which European Commission, INRIA, ETH-Zurich, Swiss NFS, Swedish RC, Dutch RC, German RF, Netherlands OSR, Vienna STF, FNR Luxembourg, Academy of Finland, University of Lugano, Hong Kong RGC, Icelandic RF. Past **Associate Editor** of IEEE TSE and ACM TOSEM journals. I serve(d) as **Reviewer** of the most important journals in soft. eng. including IEEE TSE, ACM TOSEM, Elsevier ASE journal, Elsevier JSS. I serve(d) in the **Program Committee** of the most important conference on sof. eng. including ICSE, ESEC/FSE - FSE, ASE, ISSTA, MODELS, FASE.

