

## PERSONAL INFORMATION

## Filippo Lanubile



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Sex Male | Date of birth 14/07/1962 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	× Full professor	<input type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist / Principal Investigator
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> 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

October 2017 - current	<b>Full Professor (INF/01 Informatics)</b> University of Bari, Dipartimento di Informatica
2000 – 2017	<b>Associate Professor (ING-INF/05 Information processing systems)</b> University of Bari, Dipartimento di Informatica
2006-2007	<b>Visiting Professor</b> Free University of Bozen, Italy
1995-1997	<b>Research Associate</b> University of Maryland, USA
1991-2000	<b>Assistant Professor</b> University of Bari, Dipartimento di Informatica
1989-1991	<b>Research Fellow</b> University of Maryland, USA
1988-1989	<b>Network Programmer</b> Netsiel, Italy
1987-1988	<b>System Programmer</b> Italsiel, Italy

## EDUCATION AND TRAINING

1981-1986	<b>Laurea degree in Computer Science (Scienze dell'Informazione)</b> University of Bari
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## WORK ACTIVITIES

<b>Awards</b>	<ul style="list-style-type: none"><li>- Best Paper Award ICGSE 2018</li><li>- Microsoft Research Software Engineering Innovation Foundation Award (2011)</li><li>- IBM Faculty Award (2008)</li><li>- IBM Eclipse Innovation Award (2006)</li><li>- NASA Group Achievement Award (1996)</li></ul>
<b>Editorial activity</b>	<ul style="list-style-type: none"><li>- Chair of the IEEE Software Advisory Board (since 2020);</li><li>- Member of the Software Quality Journal, Springer (since 2020)</li><li>- Member of the IEEE Software Advisory Board (from 2018 to 2020)</li><li>- Member of the Editorial Board of Empirical Software Engineering, Springer (since 2011)</li></ul>

- Invited presentations**
- Building evidence-based guidelines: the role of emotions in Stack Overflow - 15th Int. Advanced School on Empirical Software Engineering, co-located with ESEM 2018, Oulu, Finland, October 10, 2018.
  - Panel: Empirical Software Engineering and Data science: Old Wine in a New Bottle? - 15th Int. Advanced School on Empirical Software Engineering, co-located with ESEM 2018, Oulu, Finland, October 10, 2018.
  - Collaborative Software Engineering for the Internet of Things – Keynote Speech at the first International Workshop on Engineering the Web of Things (EnWoT 2017), Rome, 5 June 2017
  - Social Software as Key Enabler of Collaborative Development Environments - 5th Int. Workshop on Social Software Engineering, co-located with ESEC/FSE 2013, Saint Petersburg, Russia, August 2013.
  - Augmenting Social Awareness in a Collaborative Development Environment - Software Engineering Innovation Foundation (SEIF) Workshop, Redmond, WA, USA, 18 July 2012.
  - Augmenting Social Awareness into Collaborative Development Environments, CHOOSE Forum 2011, Swiss Group for Object-Oriented Systems and Environments, Berne, 1 November 2011.
  - Computer-Mediated Communication in Distributed Software Development, Liverpool Distinguished Computer Science Lectures, University of Liverpool, 5 April 2011.
  - GSD Introduction and Supporting Communication in Global Requirements Engineering. Keynote Speech at RiInfo 2007 - International Software Engineering Seminar, Brazil, August 2007.
  - Inspection: State of the Art and Practice, Distinguished Invited Lecture Series, University of Victoria, Canada (September 2004)
  - A Collaborative Tool for Geographically Dispersed Inspection Teams, invited talk at the 4th International Conference on Software Testing (ICSTEST 2003), Cologne, Germany, April 2003.
  - Inspection: State of the Art and Practice, invited talk at Dagstuhl-Seminar 02361
  - Supporting Customer-Supplier Relationships: Requirements Engineering and Quality Assurance, Schloss Dagstuhl, Wadern, Germany, September 2002.
- Grants**
- 2015-2017: coordinator of the unit of the University of Bari of the project “Open Up Entrepreneurship (OpEn)” funded by EU within the program Erasmus+, Key Action 2 Strategic Partnerships
  - 2015-2016: coordinator of the project “INTERSOCIAL: Unleashing the Power of Social Networking for Enhancing Regional SMEs”, funded by EU within the program INTERREG Greece-Italy
  - 2015-2018: coordinator of the project “Digital Services Ecosystem: DSE” funded by Ministry of University and Research within the program PON&RC
- Teaching**
- At the University of Bari, he teaches:
- “Software Engineering”, Bachelor Program of Computer Science
  - “Software Engineering for AI-enabled Systems”, Master Program of Computer Science.
- Research interests**
- His research interests are in the areas of software engineering and social computing, and specifically include human factors in software engineering, global software development, online communities, and software engineering for AI-based systems.
- Management Services**
- Since 2021: Founder and CEO of PeoplewareAI, a spin-off of the University of Bari  
 Since 2020: Coordinator of the Research Unit “Intelligent and Secure Systems for Telehealth” of the Telemedicine Research Centre at University of Bari  
 Since 2020: Rector’s Delegate for IT Services  
 2018-2022: Deputy Director of the Department of Computer Science  
 2018-2022: Chair of the Scientific Board of the e-infrastructure ReCaS, Center of Bari.  
 Since 2005: Founder and Head of the Collaborative Research Group (COLLAB), Dipartimento di Informatica at University of Bari
- Conference Services**
- General chair:
- ACM/IEEE Int. Symp. on Empirical Software Engineering and Measurement (ESEM 2020 and ESEM 2021)
  - IEEE Int. Conf. on Global Software Engineering (ICGSE 2013)
- Program (Co-)Chair:
- IEEE Int. Conf. on Global Software Engineering (ICGSE 2008)
  - Int. Symp. on Software Metrics (METRICS 2005)
- Steering Committee Chair:
- ACM/IEEE Int. Symp. on Empirical Software Engineering and Measurement (since 2022)
  - IEEE Int. Conf. on Global Software Engineering (since 2019)

## PhD supervision and mentoring

7 PhD students supervised at University of Bari

- Luigi Quaranta (2019 – 2022). Software Engineering for AI-Enabled Systems, XXXV ciclo del Dottorato in Informatica e Matematica;
- Daniela Girardi (2017-2020). Sensor-based Emotion Detection in Software Engineering, XXXIII ciclo del Dottorato in Informatica e Matematica;
- Giuseppe Iaffaldano (2016-2019). Investigating the Dynamics of Online Creative Communities (2016-2019), XXXII ciclo del Dottorato in Informatica e Matematica;
- Mario Scalas (2007-2009). Agile GUI Testing in Eclipse, XXII ciclo del Dottorato in Informatica;
- Domenico Gendarmi (2006-2009). Collaborative tagging as a community-driven approach to knowledge sharing, XXI ciclo del Dottorato in Informatica;
- Fabio Calefato (2004-2006). Supporting synchronous communication in distributed software teams, XIX ciclo del Dottorato in Informatica
- Teresa Mallardo (2004-2006). The role of software requirements inspections in distributed development, XIX ciclo del Dottorato in Informatica;

Participation to PhD Committees:

University of Tampere, Finland (2022), University of Oulu , Finland (2021), University of Adelaide, Australia (2018); Aalto University, Finland (2018); University of Murcia, Spain (2015); Politecnico di Torino (2004, 2014); University of Oulu, Finland (2011); Universidad Nacional del Comahue, Buenos Aires, Argentina (2009); University of Strathclyde, United Kingdom (2008); University of Castilla-La Mancha, Spain (2008); Indian Institute of Technology, Kharagpur, India (2008)

## ADDITIONAL INFORMATION

### Publications

total number of publications in peer-review journals: 43

total number of citations: 6649 (Google Scholar) / 2851 (Scopus)

H index: 37 (Google Scholar) / 26 (Scopus)

- Fabio Calefato, Filippo Lanubile (2022). Using Personality Detection Tools for Software Engineering Research: How Far Can We Go?. ACM TRANSACTIONS ON SOFTWARE ENGINEERING AND METHODOLOGY, p. 1-47, ISSN: 1049-331X, doi: 10.1145/3491039
- Calefato Fabio, Iaffaldano Giuseppe, Trisolini Leonardo, Lanubile Filippo (2021). An In-Depth Analysis of Occasional and Recurring Collaborations in Online Music Co-Creation. ACM TRANSACTIONS ON SOCIAL COMPUTING, vol. 4, p. 1-40, ISSN: 2469-7818, doi: 10.1145/3493800
- Nicole Novielli, Fabio Calefato, Filippo Lanubile, Alexander Serebrenik (2021). Assessment of off-the-shelf SE-specific sentiment analysis tools: An extended replication study. EMPIRICAL SOFTWARE ENGINEERING, ISSN: 1382-3256, doi: 10.1007/s10664-021-09960-w
- Daniela Girardi, Filippo Lanubile, Nicole Novielli, Alexander Serebrenik (2021). Emotions and Perceived Productivity of Software Developers at the Workplace. IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, ISSN: 0098-5589, doi: 10.1109/TSE.2021.3087906
- Nicole Novielli, Fabio Calefato, Filippo Lanubile (2020). Love, Joy, Anger, Sadness, Fear, and Surprise: SE Needs Special Kinds of AI: A Case Study on Text Mining and SE. IEEE SOFTWARE, vol. 37, p. 86-91, ISSN: 0740-7459, doi: 10.1109/MS.2020.2968557
- Fabio Calefato, Filippo Lanubile, Bogdan Vasilescu (2019). A large-scale, in-depth analysis of developers' personalities in the Apache ecosystem. INFORMATION AND SOFTWARE TECHNOLOGY, vol. 114, p. 1-20, ISSN: 0950-5849, doi: 10.1016/j.infsof.2019.05.012
- Fabio Calefato, Filippo Lanubile, Nicole Novielli (2019). An empirical assessment of best-answer prediction models in technical Q&A sites. EMPIRICAL SOFTWARE ENGINEERING, vol. 24, p. 854-901, ISSN: 1382-3256, doi: 10.1007/s10664-018-9642-5
- CALEFATO, FABIO, LANUBILE, Filippo, NOVIELLI, NICOLE (2018). How to Ask for Technical Help? Evidence-based Guidelines for Writing Questions on Stack Overflow. INFORMATION AND SOFTWARE TECHNOLOGY, vol. 94, p. 186-207, ISSN: 0950-5849, doi: 10.1016/j.infsof.2017.10.009
- Fabio Calefato, Giuseppe Iaffaldano, Filippo Lanubile, Federico Maiorano (2018). Investigating Crowd Creativity in Online Music Communities. PROCEEDINGS OF THE ACM ON HUMAN-COMPUTER INTERACTION, vol. 2, p. 27:1-27:21, ISSN: 2573-0142, doi: 10.1145/3274296
- CALEFATO, FABIO, LANUBILE, Filippo, Maiorano, Federico, NOVIELLI, NICOLE (2018). Sentiment Polarity Detection for Software Development. EMPIRICAL SOFTWARE ENGINEERING, vol. 23, p. 1352-1382, ISSN: 1382-3256, doi: 10.1007/s10664-017-9546-9
- CALEFATO, FABIO, LANUBILE, Filippo, Conte T, Prikladnicki R. (2016). Assessing the Impact of Real-Time Machine Translation on Multilingual Meetings in Global Software Projects. EMPIRICAL SOFTWARE ENGINEERING, vol. 21, p. 1002-1034, ISSN: 1382-3256, doi: 10.1007/s10664-015-9372-x

Bari, 30/04/2022