PERSONAL INFORMATION

Family name, First name: Baresi, Luciano
Researcher unique identifier(s): ORCID: 0000-0001-6467-837X
                                Research ID: N-4208-2018
                                Google Scholar: user=xvzzSFgAAAAJ
                                Scopus: Author ID: 7004855943
Date of birth: 18/03/1967
Nationality: Italian
URL for web site: http://home.deib.polimi.it/baresi/
Hindex/citations: 44/8238 (Scholar) – 31/3237 (Scopus)

EDUCATION

1992   Laurea (Master) degree in Electronic engineering (Computer Science) - Politecnico di Milano
1997   PhD degree in Computer Science - Politecnico di Milano (advisor: Professor Mauro Pezzè)

CURRENT POSITION

2015–   Full professor, Dipartimento di Elettronica Informazione e Bioingegneria, Politecnico di Milano

PREVIOUS POSITIONS

1998-1999   Visiting researcher at University of Oregon – Eugene, USA (jun-sep 1998 and jun-sep 1999)
2001   Visiting professor at University of Oregon – Eugene, USA (jan-mar)
2001-2003   Assistant professor, Politecnico di Milano
2003   Visiting researcher at University of Paderborn, Germany (jan-feb and oct-nov)
2003-2015   Associate professor, Politecnico di Milano
2008   Visiting professor at Tongji University, Shanghai, China, in the context of PoliTong and of the Sino-Italian campus (sep-oct).

AWARDS

1998-   CNR (Italian National Research Council) grant, short-term mobility, for the research periods at the University of Oregon (Eugene – USA) (jun-sep)
2006   IBM Shared University Research (SUR) Award for the project called WS-Testing, with professor Alessandro Orso, Georgia Institute of Technology, USA
2007   IBM Faculty Award for the project called Development of a curriculum on service engineering, with professor Barbara Pernici, Politecnico di Milano, Italy.

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2001-   7 postdocs, 11 PhD students, and some 50 Master students at Politecnico

TEACHING ACTIVITIES

2001-   Different software engineering and software design courses, Politecnico di Milano
2001   Diagram Languages: UML and Beyond (CIS 410/510), University of Oregon, Eugene, USA
2007-2010   Service Technologies, master's degree, Politecnico di Milano (course creator)
2008   Software engineering and Advanced programming, Tongji University, Shanghai, China
2012-   Design and implementation of mobile application, master's degree, Politecnico di Milano (course creator)

ORGANISATION OF SCIENTIFIC MEETINGS

2016   General chair, IEEE/IFIP Working Conference on Software Architecture (WICSA, 110 participants)
2002   Program co-chair, IEEE International Conference on Engineering of Complex Computer Systems (ICECCS, 40 participants), with M. Hinchey, M. Chen e S. Liu.
2006   Program co-chair, ETAPS Fundamental Approaches to Software Engineering (FASE, 150 participants), with R. Heckel
2007   Program co-chair, International Conference on Web Engineering (ICWE, 80 participants), with G.-J. Houben
2009   Program co-chair, International Conference on Service-oriented Computing (ICSOC, 200 participants), with J. Suzuki e C.H. Chi
2012   Program chair, International Symposium on Software Engineering for Adaptive and Self-Managing Systems (SEAMS, 50 participants)
2013   Program co-chair, Joint meeting of the European Software Engineering Conference and the ACM SIGSOFT Symposium on the Foundations of Software Engineering (ESEC/FSE, 300 participants), with Mira Mezini

2019	Program co-chair, IEEE International Conference on Service Computing, held as part of the IEEE Service Congress.
2005-	workshop chair for the Joint meeting of the European Software Engineering Conference and the Symposium on the Foundations of Software Engineering (ESEC/FSE, 300 participants) (2005), the International Conference on Software Engineering (ICSE, 1000 participants), (2009) (with V. Braberman), and the International Requirements Engineering Conference (RE, 100 participants), 2011 (with D. Amyot). I was publicity chair for the International Software Metrics Symposium (Metrics, 100 participants) (2005), poster chair for International Conference on Software Engineering (ICSE, 1000 participants) (2013), and local arrangement chair for the Joint meeting of the European Software Engineering Conference and the Symposium on the Foundations of Software Engineering (ESEC/FSE, 300 participants), 2015 (with Angelo Gargantini).
2013	Co-organizer, Customizing Service Platforms, Dagstuhl seminar, with Heiko Ludwig, Andreas Rummler, and Klaus Schmid (April 2013)
2014	Co-organizer, Feature Interactions: The Next Generation, Dagstuhl seminar, with Sven Apel, Pamela Zave, and Jo Atlee (July 2014)

INSTITUTIONAL RESPONSIBILITIES

2009-2011	Chair of the bachelor's degree program in Engineering Computing Systems, Politecnico di Milano, Cremona campus
2011-2016	Member of the board of professors of the doctoral program in information technology at Politecnico di Milano
2012-2016	Co-founder and chair of the IFIP WG on Services-Oriented Systems (2.14, 6.12, 8.10)
2013-2017	Co-coordinator of S-Cube, research lab at Politecnico in cooperation with Telecom Italia
2015-	Chair of the Steering Committee of the European Software Engineering Conference, and from 2018 of the integrated Steering Committee of the European Software Engineering Conference and of the Symposium on the Foundations of Software Engineering

REVIEWING ACTIVITIES

2001-	Member of many scientific program committees. The most important ones are: International Conference on Service-Oriented Computing, Conference on Web Services, International Conference on Software Engineering, European Software Engineering Conference, Symposium on the Foundations of Software Engineering, Symposium on Software Engineering for Adaptive and Self-Managing Systems, Self-Adaptive and Self-Organizing Systems Conference, and International Conference on Autonomic Computing
2004-	External reviewer/member of the evaluation committee for 20 PhD dissertations at universities in Italy, UK, France, Australia, Canada, India, Germany, Austria, Sweden, and Brazil
2005-	Project evaluator and reviewer for: European Union, Netherlands Organisation for Scientific Research (Nederlands), Mitacs (Canada), Vienna Science and Technology Fund (Austria), National Council for Scientific Research (Romania), Fundação para a Ciência e a Tecnologia (Portugal), TrentoRISE (Italy), INRIA (France), Israel Science Foundation (Israel), Regione Puglia (Italy), and Swiss Science Foundation (CH), Icelandic Research Fund (Iceland)
2009-2015	Editorial board member, Service Oriented Computing and Applications (Springer)
2012-	Editorial board member, Transactions on Autonomous and Adaptive Systems (ACM)
2013-2017	Editorial board member, Transactions on Software Engineering (IEEE)
2013-	Editorial board member, Transactions on Service Computing (IEEE)
2016-	Editorial board member, EPiC Series in Computing (EasyChair)
2016-	Editorial board member, Requirements Engineering (Springer)

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2015-	Member, Association for Computing Machinery (ACM)

TEN REPRESENTATIVE PUBLICATIONS[1]

1. **Luciano Baresi**, Danilo Filgueira Mendonca, Martin Garriga, Sam Guinea, Giovanni Quattrocchi: A Unified Model for the Mobile-Edge-Cloud Continuum. ACM Transactions on Internet Technology. To appear (december 2018).
2. Konstantin Rubinov, **Luciano Baresi**: What Are We Missing When Testing Our Android Apps? IEEE Computer 51(4): 60-68, 2018.

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[1] We usually list authors in alphabetical order. There is only one exception (paper #2) since Konstantin asked explicitly to be the first author.

3. **Luciano Baresi**, Angelo Morzenti, Alfredo Motta, Mohammad Mehdi Pourhashem, Matteo Rossi: A Logic-based Approach for the Verification of UML Timed Models. ACM Transactions on Software Engineering and Methodology 26(2): 7:1-7:47, 2017.
4. **Luciano Baresi**, Márcio Eduardo Delamaro, Paulo A. Nardi: Test Oracles for Simulink-like Models. Automated Software Engineering 24(2): 369-391, 2017.
5. **Luciano Baresi**, Carlo Ghezzi, Xiaoxing Ma, Valerio Panzica La Manna: Efficient Dynamic Updates of Distributed Components Through Version Consistency. IEEE Transactions on Software Engineering 43(4): 340-358, 2017.
6. **Luciano Baresi**, Sam Guinea, Alberto Leva, Giovanni Quattrocchi: A Discrete-time Feedback Controller for Containerized Cloud Applications. In Proceedings of the International Symposium on the Foundations of Software Engineering, 217-228, 2016.
7. **Luciano Baresi**, Mohammad Mehdi Pourhashem Kallehbasti, Matteo Rossi: Efficient Scalable Verification of LTL Specifications. In Proceedings of the 37th International Conference on Software Engineering, 711-721, 2015.
8. **Luciano Baresi**, Carlo Ghezzi, Luca Mottola: Loupe: Verifying Publish-Subscribe Architectures with a Magnifying Lens. IEEE Transactions on Software Engineering 37(2): 228-246, 2011.
9. **Luciano Baresi**, Sam Guinea: Self-Supervising BPEL Processes. IEEE Transactions on Software Engineering 37(2): 247-263, 2011.
10. **Luciano Baresi**, Liliana Pasquale, Paola Spoletini: Fuzzy Goals for Requirements-Driven Adaptation. In Proceedings of the International Requirements Engineering Conference, IEEE, 125-134, 2010.

TUTORIALS AND INVITED PRESENTATIONS

- **Luciano Baresi**: Adaptive and Self-Managing Systems. Invited presentation at the 7th International Summer School on Software Engineering. July 2010 Salerno (Italy)
- **Luciano Baresi** and Sam Guinea: Architectural Styles for Adaptive Systems. Tutorial at the 6th International Conference on Self-Adaptive and Self-Organizing Systems. September 2012, Lyon (France)
- **Luciano Baresi**: Adaptive and Self-Managing Systems. Invited presentation at the 3rd Brazilian Conference on Software: Theory and Practice (CBSoft). September 2012, Natal (Brazil)
- **Luciano Baresi**: Self-adaptive Systems, Services, and Product Lines. Invited presentation the 18th International Software Product Line Conference. September 2014, Florence (Italy)

EDITED SPECIAL ISSUES

2013 **Luciano Baresi**, Schahram Dustdar, and Luca Mottola. Building Software for the Internet of Things. IEEE Internet Computing. IEEE CS, march/april 2015.

MAJOR CONTRIBUTIONS TO THE EARLY CAREERS OF RESEARCHERS

Collaborators who are still at Politecnico: Sam Guinea (assistant professor), Giovanni Quattrocchi (former PhD student under my supervision and now post-doc researcher), Danilo Mendonca (PhD student under my supervision), and Mersedeh Sadeghi (PhD student under my supervision).

Former PhD students: Liliana Pasquale (assistant professor, University College Dublin, Dublin, Ireland), Matteo Miraz (senior software engineer, tools and infrastructure, Google, Zurich, Switzerland), Alfredo Motta (chief technology officer, Creditspring, London, UK), Mohammad Mehdi Pourhashem (assistant professor, University of Science and Technology of Mazandaran, Babol, Iran), Adnan Shahzada (entrepreneur in residence, Entrepreneur First, London, UK, and assistant professor, University of Management and Technology, Lahore, Pakistan), Naser Derakhshan (machine learning specialist, Advanced Global solution, Milan, Italy), and Anita Imani (PhD awarded in June 2018).

Former post-doc reseachers: Yu Zhu (associate professor, Nanjing University of Aeronautics and Astronautics, China), Valerio Panzica La Manna (project leader and researcher, IMEC, The Netherlands), Clement Quinton (associate professor, University of Lille, France), Konstantin Rubinov (assistant Manager, PwC Digital Services, Switzerland), Claudio Menghi (postdoc, University of Gothenburg, Sweden), and Martin Garriga (assistant researcher, National Scientific and Technical Research Council (CONICET), and lecturer, National University of Comahue (Uncoma), Argentina).