



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)	<b>Carlo Ghezzi</b>	
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Nationality	Italian	
Date of birth	1 March 1946	
Education	Laurea degree (Doctor Engineer in Electrical Engineering) from Politecnico di Milano (cum laude), December 1969.	

### Positions held

Since 1981, **Professor and Chair of Software Engineering** at Politecnico di Milano, where he has been the Rector's Delegate for research, Department Chair, member of the Academic Senate and of the Board of Governors.

**President of Informatics Europe**, the association of computer science departments and research laboratories in Europe (2012-2015).

Adjunct Professor in the Faculty of Informatics of the University of Lugano, Switzerland (USI).

Positions in other institutions: University of California Los Angeles, University of North Carolina at Chapel Hill, Università di Padova, Escuela Superior Latino-Americana de Informatica, Argentina, University of California, Santa Barbara, USA, Technical University of Vienna and University of Klagenfurt, Austria.

<b>Awards</b>	<p>Member of Academia Europaea "The Academy of Europe" (2013)</p> <p>Dr. Luis Federico Leloir Prize to International Cooperation in Science, Technology and Innovation, awarded from the Government of Argentina (2011).</p> <p>Italian Academy of Sciences (Accademia di Scienze e Lettere—Istituto Lombardo) (2007). ACM SIGSOFT Distinguished Service Award (May 2006)</p> <p><b>Fellow of the IEEE</b>, for "contributions to programming languages and software engineering" (2005)</p> <p><b>Fellow of the ACM</b>, for "Numerous research contributions from compiler theory to real-time systems to software processes. A strong contributor to the software engineering community in Europe and worldwide." (1999).</p>
<b>Prizes</b>	<p>Philip Morris Award for research on the design of reliable real-time system (1992). Seymour Cray Award for research on analysis of concurrent systems using Petri nets (1991). Informatics Award by Sperry for research on incremental compilers (1982)).</p>
<b>Editorial responsibilities</b>	<p>Member of the Editorial Board of the following journals:</p> <ul style="list-style-type: none"> <li>• IEEE Transactions on Software Engineering</li> <li>• Communications of the ACM</li> <li>• Science of Computer Programming (Elsevier)</li> <li>• Computing (Springer)</li> <li>• Service Oriented Computing and Applications (Springer)</li> </ul> <p>Past <b>editor in chief</b> of the ACM Transactions on Software Engineering and Methodology, 2001-2007</p> <p>Past associate editor of Software Process Improvement and Practice (Wiley)</p>
<b>Conference committees</b>	<p>Steering Committee Member (past) of the following major permanent international scientific events in software engineering:</p> <ul style="list-style-type: none"> <li>• ICSE (the International Conference on Software Engineering);</li> <li>• ESEC (the European Software Engineering Conference)--founding member;</li> <li>• IWSSD (the International Workshop on Software Specification and Design).</li> <li>• Annual conference of AICA (Italian Computer Society), Padova, Italy, 1982</li> </ul> <p>Program Chair of the following conferences:</p> <ul style="list-style-type: none"> <li>• International Software Process Workshop (ISPW 9), Airlie, Virginia, USA, 1994.</li> <li>• International Conference on Software Engineering (ICSE 14), Melbourne, Australia, 1992.</li> <li>• European Software Engineering Conference (ESEC 89), Warwick, UK, 1989.</li> <li>• International Workshop on Software Specification and Design (IWSSD 6), Como, Italy, 1991.</li> </ul> <p>General Chair of</p> <ul style="list-style-type: none"> <li>• International Conference on Service-Oriented Computing (ICSOC 2006), Chicago, Dec. 2006.</li> <li>• 10th IEEE International Conference on Engineering Complex Computer Systems (ICECCS 2005), Shanghai, June 2005.</li> <li>• 22nd International Conference on Software Engineering (ICSE 2000, Limerick, Ireland, June 2000.</li> <li>• 4th AQUIS (4th International Conference on Achieving Quality in Software, Venice, April 1998.</li> </ul> <p>Program committee member of the following main conferences (partial list):</p> <ul style="list-style-type: none"> <li>• International Conference on Software Engineering (ICSE), more than 20 times, since 1984.</li> <li>• European Software Engineering Conference (ESEC)/Foundations of Software Engineering (FSE), more than 10 times.</li> <li>• Requirements Engineering, more than 5 times.</li> <li>• International Symposium on Software Testing and Analysis (ISSTA).</li> <li>• IEEE International Conference on Automated Software Engineering (ASE).</li> <li>• Asia-Pacific Software Engineering Conference (APSEC).</li> <li>• European Conference on Object-Oriented Programming (ECOOP).</li> <li>• International Conference on Fundamental Approaches to Software Engineering (FASE).</li> <li>• International Conference on Service Oriented Computing (ICSOC).</li> <li>• International Conference on Distributed Computing Systems (ICDCS).</li> </ul>
<b>Service in societies</b>	<ul style="list-style-type: none"> <li>• Member-at-large of the ACM Executive Board (2008-2012)</li> <li>• Member (and Chair in 2007) of the ACM Software Systems Award.</li> <li>• Member of the Nominations Committee of ACM (1995-96).</li> </ul>

## Keynotes

Keynote speaker at the following international conferences and symposia:

- NII Shonan Meeting on "Engineering Autonomic Systems (EASy)", May 2012, Japan.
- ECOWS 2011, 9th European Conference on Web Service, September 2011, Lugano, Switzerland.
- 6th International Symposium on Software Engineering for Adaptive and Self-Managing Systems (SEAMS 2011), May 2011, Honolulu, USA.
- ServiceWave 2010, Ghent, 13-15 December 2010.
- ESEM 2010, 4th International Symposium on Empirical Software Engineering and Measurement, Bolzano, 16-17 September 2010.
- SEFM 2010, 8th IEEE International Conference on Software Engineering and Formal Methods, Pisa, 13-18 September 2010.
- ICECCS 2010, 15th IEEE International Conference on Engineering of Complex Computer Systems, Oxford, 22-26 March 2010
- SEAFOOD, the Third International Conference on Software Engineering Approaches For Offshore and Outsourced Development (SEAFOOD), held at ETH Zurich, Switzerland, 2009.
- International Conference on Software Engineering (**ICSE 09**), Vancouver, Canada, 2009.
- Informatics Education Europe III, Venice, Italy, December 2008.
- Federated Events on Component-Based Software Engineering and Software Architecture (COMPARCH), Karlsruhe, Germany, October 2008.
- **IFIP World Computer Conference (WCC)**, Milano, September 2008
- MSR 2008, the 5th Working Conference on Mining Software Repositories (MSR), Co-located with **ICSE 2008**, Leipzig, Germany, May 2008.
- IVNET 2006, the 2nd International Conference on Innovative Views of .NET Technologies, Florianopolis, Brasil, October 2006.
- SBES-06 (Brazilian Symposium on Software Engineering, Florianopolis, Brazil, Oct. 2006.
- **ETAPS 2006** (European Joint Conference on Theory and Practice of Software), Vienna.
- **ICSOC 2005**, International Conference on Service Oriented Computing, Amsterdam, The Netherlands.
- METRICS 2005, Como, Italy.
- First International Conference on Graph Transformation (ICGT 2002), Barcelona (Spain).
- ACM Symposium on Applied Computing (SAC 2000), March 2000.
- IEEE International Conference on Engineering of Complex Computer Systems, (ICECCS'99), Las Vegas, October 1999.
- International Conference on Computer Supported Organizational Work (ICSP5), Lisle (Illinois), 1998.
- **IEEE International Conference on Software Maintenance** (Bari, 1997)
- Argentinian Software Engineering Conference—SoST'97 (Buenos Aires, 1997)
- Jornadas Argentinas de Informatica Y Investigacion Operativa (Buenos Aires, 1987, 1988)
- Brazilian Software Engineering Conference (Rio de Janeiro, 1993).
- 2nd International Conference on Achieving Quality in Software (Venezia, 1993).
- **ESEC 1993**, European Software Engineering Conference in Garmisch (1993), which celebrated "the 25th Anniversary of Software Engineering"

## International evaluation boards

- Panel Chair Advanced Grants ERC for Computer Science and Informatics (2009, 2011, 2013).
- Chair of the evaluation panel for INRIA (Project Teams in Distributed Systems and Services), 2012.
- Member of the evaluation committee (Swedish Research Council subcommittee for Computer Science), 2012.
- Member of the Evaluation Board Excellence Initiative for German Universities, 2011.
- Member of the Evaluation Board of Computer Science Departments of Dutch Universities. 2009.
- Member of the evaluation board for research in services (JACQUARD Program) by NWO (The Netherlands), 2008.
- Member of the evaluation board of the Computer Science Department, University of Antwerp (Belgium), 2008.
- Member of the Advisory Board of the EPFL (Ecole Polytechnique Federale de Lausanne) School of Computer and Communication Sciences (2002-present).
- Member of the Research Assessment Exercise for UK Universities (Computer Science), 2001.
- Member of the evaluation board of JAIST (Japan Advanced Institute of Technology), 2000.
- Member of the evaluation board for computer science research, NUTEK (Sweden) and Academy of Science of Finland, 2000.

## Governmental committees

- Member of the Steering Committee of the Integrated Programme for Technological and Organizational Evolution of the Italian school system, nominated by the Italian Ministry of Education, 1998-2000.
- Member of the board of the Ministry of Finances for the strategic redesign of the information system, 1997.
- Member of the Scientific Committee of the Ministry of University and Research (MURST) for research in the underdeveloped areas of Italy, 1995-2000.
- Head of the Italian Committee on research in Information Technology in the 5th Framework Programme of the EU, nominated by the Italian Ministry of Research, 1997-1998.
- Representative of the Italian Government in the Information Technology Committee (ESPRIT) of the European Union (EU), 1995-1997.

## Research funding

Funding for research has been secured through numerous contracts with the European Union in the context of the various "Framework Programs" and by the Italian Government through national research programs.

The most prestigious have been:

- **ERC Advanced Grant**, Programme IDEAS-ERC, Project 227977 SMScom, 2008-2013
- Membership in the Excellence Network on Services (S-Cube).
- Coordination of the national PRIN grant D-ASAP and the FIRB grant ART-DECO.

**Education experience**

Carlo Ghezzi is strongly committed to teaching software development as a systematic engineering discipline, based on sound principles. He has co-authored several textbooks, including **Programming Language Concepts** (J. Wiley) and **Fundamentals of Software Engineering** (Addison Wesley). These books are widely adopted internationally. Programming Language Concepts was translated into Italian, Spanish, Portuguese, German, and Dutch. Fundamental of Software Engineering has been translated in Italian and Chinese.

Carlo Ghezzi has been a PhD supervisor and mentor of several individuals:

- Angelo Morzenti (Full Professor at Politecnico di Milano),
- Mauro Pezzè (Full Professor at Università di Milano Bicocca),
- Alberto Coen Porisini (Full Professor and Rector at Università dell'Insubria),
- Sandro Morasca (Full Professor at Università dell'Insubria),
- Gian Pietro Picco (Full Professor at the University of Trento),
- Giovanni Vigna (Full Professor at the University of California at Santa Barbara)
- Gianpaolo Cugola (Associate Professor at Politecnico di Milano),
- Elisabetta Di Nitto (Associate Professor at Politecnico di Milano),
- Flavio De Paoli (Associate Professor at the University of Milano Bicocca),
- Mattia Monga (Associate Professor at the University of Milano),
- Mirko Cesarini (Assistant Professor at University of Milano Bicocca),
- Davide Balzarotti (Assistant Professor at Eurecom Graduate School and Research Center, Sophia Antipolis, France)
- Miguel Felder (was Professor at the University of Buenos Aires, Co-Founder and Chair of Pragma, one of the largest software companies in South America);
- Sergio Bandinelli (Researcher at the European Software Institute in Bilbao, Spain)
- Giordano Tamburrelli (Marie Curie Post-Doc Fellowship),
- Andrea Mocchi (post-doc at MIT, USA),
- Luigi Drago (Microsoft, Redmond, USA)
- Guido Salvaneschi (post-doc at Darmstadt University, Germany).

Mother tongue

**Italian**

Other language(s)

**English (excellent), French (Good), Spanish (Good)**

**Annexes**

List of publications.