

.Professor Silvano Cincotti

Curriculum Vitae

Education

- 1994: Dottore di Ricerca (Ph.D.), Bioengineering, Ministry of University and Scientific and Technological Research, Italy.
- 1990: Laurea (M.S.) degree in Electronics Engineering, University of Genoa, Italy.

Academic Experiences

- 2004-Present: Full Professor, School of Engineering, University of Genoa, Italy
- 1998-2004: Associate Professor, School of Engineering, University of Genoa, Italy
- 1993-1998: Assistant Professor, School of Engineering, University of Cagliari, Italy
- 1992: Visiting researcher, Max-Planck-Institute für Polymerforschung, Mainz, Germany

Active Teaching Activities

- 2013-Present Business Management – University of Genoa, Italy.
- 2013-Present Corporate Strategy – University of Genoa, Italy.
- 2012-Present Macroeconomics – Tianjin University, China.
- 2011-Present: Financial Engineering – University of Genoa, Italy.

Former Teaching Activities

- 2006-2010: Utility Markets – University of Genoa, Italy.
- 2001-2010: Economic and Financial Engineering – University of Genoa, Italy.
- 2001-2008: Mathematical Engineering – University of Genoa, Italy.
- Complex Systems and Chaos– University of Genoa, Italy
- 1998-2001: Circuit Theory – University of Genoa, Italy
- Numerical Methods for Fields and Circuits – University of Genoa, Italy.
- 1996-1998: Electric Network Theory – University of Cagliari, Italy.

Academic Offices

- 2013-Present: Head, *Istituto di Studi Superiori* (ISSUGE) program in Engineering and Architecture of Sustainability, University of Genoa, Italy
- 2012-Present Head, Manufacturing, Industrial Plants and Management Engineering Group, DIME – University of Genoa, Italy
- 2010-Present: Chairperson, PhD program on Computational Intelligence, University of Genoa, Italy
- 2008-Present: Deputy Dean, Faculty of Engineering – University of Genoa, Italy.
- 2006-Present: Co-founder of the Research Center for Economics, Management and Organization (DOGE.I), University of Genoa, Italy
- 2001-Present: Co-founder and head of the Center for Interdisciplinary Research on Economics and Financial Engineering (CINEF)
- 2004-2011 Co-founder and head of the I2 Research Group – DIBE, University of Genoa

2001-2008: Chairperson, PhD program on Space Science and Engineering, University of Genoa, Italy.

Editorial Activities

2014- Present: Associate Editor of the International Journal of Complexity in Applied Science and Technology

2011-Present: Associate Editor of the International Journal on Complexity Economics

2007-Present: Associate Editor of the International Journal of Automation and Computing

2005-Present: Associate Editor of the Journal of Economic Interaction and Coordination

Memberships

2005-Present: Member of the Society for the Economic Sciences of Heterogeneous Interacting Agents - ESHIA

2004-Present: Member of the Society for Computational Economics - SCE

1998-2010: Member of the IEEE Technical Committee on Computational Economics and Finance

Active Research Areas

- Economics and Finance
- Agent-based Computational Economics and Finance
- Energy Economics
- Knowledge Management and Innovation

Former Research Areas

- Econometrics and Data Analytics
- Complex System Science
- Computer Science and Engineering
- Electrical Engineering
- Molecular Electronics and Nanotechnologies

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Granted Project as Principal investigator (2006-Present)

- EU CNET FP7 GSS project “Orchestrating Information Technologies and Global Systems Science for Policy Design and Regulation of a Resilient and Sustainable Global Economy – Symphony”, 2013-2016.
- Italian Ministry of Economic Development - MiSE, “A rewarding system to support social responsible corporates”, 2012-2014
- EU IST-FET CA FP7 FLAGSHIP “The FuturICT Knowledge Accelerator: Creating Socially Interactive Information Technologies for a Sustainable Future – FuturICT”, 2011-2012.
- Italian National Research Project PRIN 2007 “Modelling and implementation of an artificial power exchange” 2009-2010
- Industrial research project Selex-Elsag S.p.A. “Embedded Systems for Energy Efficiency Buildings”, 2009-2012
- Research project competition ENEL S.p.A. “EUREKA! Competition I-2007”- Theme “Virtual Energy World”, 2008-2009.
- EU IST-FET STREP FP6-2005-IST-5 “An agent-based software platform for European economic policy design with heterogeneous interacting agents: new insights from a bottom up approach to economic modeling and simulation – EURACE ”, 2006-2009
- EU NEST STREP FP6-NEST-2003-1 “Financial Markets and Complexity: Uncertainty, Heterogeneous Micro Agents and Aggregate Outcomes – COMPLEXMARKETS”, 2005-2008
- Italian National Research Project PRIN 2004 “Models for the price dynamics of financial securities: institutional aspects and behavioral assumptions in a agent-based framework - ARMS”, 2005-2007
- Italian National Research Project FIRB 2001 “Advanced multiagent models of economic and financial systems – RAMSES ”, 2004-2008
- Industrial research project EGL Italia S.p.A. “Statistical models and methodologies for the Italian electricity market”, 2003-2007

Recent PhD Students (2006-Present)

Gino Baldi	PhD Thesis defence 2018
Andrea Mazzocchi	PhD Thesis defence 2018
Vehbi Sinan Tunalioglu	PhD Thesis defence 2017
Tolga Sezer	PhD Thesis defence 2017
Gideon Fadiran	PhD Thesis defence 2016
Reynold Christian Nathanael	PhD Thesis defence 2015
Gallo Giulia	PhD Thesis defence 2013
Rastegar S. MohmmmedAli	PhD Thesis defence 2009
Ponta Linda	PhD Thesis defence 2007
Ivaldi Stefano	PhD Thesis defence 2006

Recent Post-Docs and Research Fellows (2006-Present)

Novella Talà	2014-Present	PostDoc
Giovanni Lombardo	2012-Present	Research Fellows
Linda Ponta	2011-Present	Research Fellows
Giulia Gallo	2013	PostDoc
Guerci Eric	2006-2008	PostDoc
RabertoMarco	2006-2007	Research Fellows
RabertoMarco	2004-2007	PostDoc
Ivaldi Stefano	2007	PostDoc