*Prof. Dr. **Silvia Giordano***
Head of Networking Laboratory – Coordinator of the Social Science Area
Direction Member of Institute of Systems for Informatics and Networking
Department of Innovative Technologies – SUPSI - Switzerland
Distinguished Professor Tianjin University - China

Prof. Silvia Giordano holds a PhD. from EPFL, Switzerland. She is currently the head of the Networking Lab (NetLab) in the Institute of System for Informatics and Networking (ISIN), coordinator of the Social Science Area and direction member of ISIN, at the University of Applied Science - SUPSI in Ticino, Switzerland. She is director of the Master Unit in ICT, teaching several courses at bachelor, master and PhD. Level, in the area of: Networking, Wireless and Mobile Networking, Social and Mobile Services and Networks Applications. She was/is supervisor of several MS and Ph.D. students and is guiding them to produce interesting research (two best demo awards in the last years). It is also worthy the development of two new graduate-level course within the CS curriculum on "Mobile and wireless networking", one master course on "Complex Networks" and one new post-graduate course on "Green networking".

She obtained several national and international grants for some very innovative projects for more than 5 millions USD, which she successfully coordinated, as, just to mention the most important ones over the last years: the European project *MACACO*: Mobile context-Adaptive CAching for COntent-centric networking; the SNSF project CARMNET: Carrier-grade delay-aware resource management for wireless multi-hop/mesh networks; the European project *SCAMPI*: Service platform for social Aware Mobile and Pervasive computing; the *KTI Project PROMO*: PROximity Marketing sOlution; the European project *EuMESH*: Enhanced, Ubiquitous and Dependable Broadband Access using MESH Networks; the European project *MONARCA*: MONitoring, treAtment and pRediCtion of bipolAr Disorder Episodes; the European project *MEMORY*: MEasuring and MOdelling Relativistic-like effects in brain and NCSs; the European project *Haggle*: A Self-healing Approach to Designing Complex Software Systemst.

She is co-editor of the book "Mobile Ad Hoc Networking: the cutting edge directions" (IEEE-Wiley 2013), and of the very successful past edition: "Mobile Ad hoc networking" (IEEE-Wiley 2004). She has published extensively on journals, magazines and conferences in the areas of quality of services, traffic control, wireless and mobile ad hoc networks, and her H-Index is 30. She is series editor of the Series on *Ad Hoc And Sensor Networks* of the *IEEE Communication Magazine.* She is area editor of *Computer Communications* journal by *Elsevier, Ad Hoc & Sensor Wireless Networks* journal, *Ocpscience, Journal of Ubiquitous Computing and Intelligence* (JUCI) and *Journal of Autonomic and Trusted Computing* (JoATC) both by American Scientific Publishers (ASP), and *Mediterranean Journal of Computer and Networks, SoftMotor.* She was already co-editor of several special issues of *Elsevier Pervasive and Mobile Computing, Elsevier Computer Communications, IEEE Communications Magazine* and *Baltzer MONET* and *Cluster Computing* on mobile ad hoc networking and QoS networking, and serves as reviewer on transactions and journals, as well as for several important publications.

She acted as general/program chair of several prestigious international conferences; she is co-founder/steering committee member of IEEE Persens workshop, IEEE AOC workshop

and ACM Mobihoc SANET workshop and is/was on the executive committee and TCP of several international conferences.

In 2014, Silvia Giordano became ACM Distinguished Scientist; in 2013 she became ACM Distinguished Speaker. She is a senior member of IEEE, IEEE Computer Society, and IFIP WG 6.8. She is in the Board of the ACM N2Women.

Since more than a decade, she is European Commission expert and reviewer, US-NSF reviewer, expert and reviewer for National Science Foundation organization of several countries, expert for habilitation, External member of several Ph.D. Committees all around the world.

Since more than a decade, she is European Commission expert and reviewer; United States National Science Foundation (NSF) expert; expert and reviewer for National Science Foundation organization of several countries; expert for habilitation; and external member of several Ph.D. Committees worldwide.

RESEARCH INTERESTS

Complex Networks, Wireless and Mobile Networking, Opportunistic Computing and Networking, Human Mobility, Social Context Awareness, Wireless Sensor Networks, Quality of Service and Traffic Control.

EDUCATION

1999, Ph.D., Computer Engineering, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

1987, Laurea, Informatics, Università degli Studi di Pisa, Pisa, Italy

APPOINTMENTS

Oct. 2003 – Present Day

Professor, University of Applied Sciences of Southern Switzerland (SUPSI), Manno, Switzerland

Jan. 2007 – Present Day

Head of Networking Lab and Member of Institute Direction, University of Applied Sciences of Southern Switzerland (SUPSI), Manno, Switzerland

Apr. 2014 – Present Day

Coordinator of the Social Science Area - ISIN, University of Applied Sciences of Southern Switzerland (SUPSI), Manno, Switzerland

June 2015 – Present Day

Distinguished Professor, School of Computer and Communication Engineering

Tianjin University of Technology, Tianjin, China

Jan. 1999 – Dec. 2003
Faculty member, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

Jan. 1995 – Dec. 1998
Research Assistant, Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

Nov. 1991 – Dec. 1994
Network Manager , Swiss Super-Computing Centre (CSCS), Manno, Switzerland

Feb. 1987 – Nov. 1991
Visiting researcher CNR, National Research Council of Italy (CNR), Pisa, Italy

PROJECTS

2015-2016, Autoplay: understand neuro-developmental disorders with the play

2015-17, SNF – SwissSenseSinergy: exploiting opportunities for synergistic computation

2014-16, KTI- Project. AllWin: a crowd-giving system for citizens and multi-actor involvment in solidal projects

2013–15 CHIST-ERA - MACACO: Mobile context-Adaptive CAching for COntent-centric networking

2012-14, SNF – CARMNET: Carrier-grade delay-aware resource management for wireless multi-hop/mesh networks

2012-14, eMobiliTI: Sustainable Mobility in Ticino

2012-13, Strategic Platform Health and Wellness – feel@home

2011-12, Gebert Rüf Stiftung – SMACS: Simple Machine-to Machine Communication Systems

2010-13, EC FP7 IST – SCAMPI: Service platform for soCial Aware Mobile and Pervasive computIng

2010-13, EC FP7 IST – MONARCA: MONitoring, treAtment & pRediCtion of bipolAr Disorder Episodes

2010-12, EC FP7 Project - CONET: Cooperating Objects Network of Excellence

2010-12, MOTEL: Mobile TestBed for Wireless Sensor Networks

2010-12, KTI- Project. PROMO: Proximity Marketing sOlutions

2007-10, Daccò Fundation - SENSI: Testbed per una rete di sensori

2007-10, EC FP7 Pathfinder - MEMORY

2006-10, EC FP6 FET - Haggle: A Self-healing Approach to Designing Complex Software Systems

2005-09, SNF SCOPES - Queueing disciplines

2005, KTI Project - ESPP-ES Optimised always-on solution project

2003-05, EC FP5 FET - MobileMAN: Creation and Deployment of. End-User Services in. Premium IP Networks

2000-03 EC FP5 CADENUS: Creation and Deployment of. End-User Services in. Premium IP Networks

1998-2000 EC FP4 ACTS - DIANA: Demonstration of IP and ATM Networking for Real Time Applications

1994-98 EC FP4 ACTS - EXPERT: Platform for engineering research and trials

SERVICE

1999 – Present Day, Associate Editor of IEEE Communications Magazine, IEEE Communication Society.

2006 – Present Day, Editor of Ad hoc and Sensor Network Series on IEEE Communications Magazine, Communication Society.

2006 – 2009, Area Editor of Ad hoc networks journal, Elsevier.

2006 – Present Day, Area Editor of Ad Hoc & Sensor Wireless Networks journal (AHSWN), Ocpscience.

2006 – Present Day, Member of the IFIP WG 6.8: Mobile and Wireless Communications

2007 – 2011, Area Editor of Journal of Ubiquitous Computing and Intelligence (JUCI), American Scientific Publishers.

2007 – 2011, Mediterranean Journal of Computer and Networks, SoftMotor.

2008 – Present Day, Area Editor of Computer Communication journal, Elsevier.

2008 – Present Day, Journal of Autonomic and Trusted Computing (JoATC), American Scientific Publishers.

2013 – Present Day, ACM Distinguished Speaker.

2014 Program co-chair of the IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WOWMOM 2014)

2013 Work-in-Progress Chair of the IEEE International Conference on Pervasive Computing and Communications (PERCOM 2013)

2012   General co-chair of the IEEE Int. Conference on Pervasive Computing and Communications (PERCOM 2012)

2011   Program co-chair of the IEEE International Conf. on Mobile Ad-hoc and Sensor Systems (MASS 2011)

2011   Program co-chair of the ICST International Conf. on Ad-hoc Networks (ADHOCNETS 2011)

2010-13   PhD Forum co-chair of the IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WOWMOM 2013)

2010   PhD Forun co-chair of the ACM International Workshop on Mobile Opportunistic Networks (MobiOpp 2010)

2009   General co-chair of the IEEE International Symposium on a World of Wireless, Mobile and Multimedia Networks (WOWMOM 2009)

2009   Program vice-chair of the IEEE International Conference on Pervasive Computing and Communications (PERCOM 2009)

2008   Program co-chair of the IEEE 68th Semi-Annual IEEE Vehicular Technology Conference (VTC, Fall 2008)

2007   Program co-chair of the IEEE International Conf. on Mobile Ad-hoc and Sensor Systems (MASS 2007)

2007   Workshop chair of the International Symposium on a World of Wireless, Mobile and Multimedia Networks (WOWMOM 2007)

2006   Tutorial chair of ACM International Symposium on Mobile Ad Hoc Networking and Computing (MobiHoc 2006)

2005   General chair of the IEEE 2nd Conference on Wireless On demand Network Systems and Services (WONS 2005)

2005 – Present Day, Co-organizer of IEEE International Workshop on Sensor Networks and Systems for Pervasive Computing (PerSeNS) workshop

2005 – Present Day, Co-organizer/steering committee of IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications (AOC) workshop

2007 – 2011, Co-organizer/steering committee of ACM Workshop on Sensor and Actor Networks (SANET) workshop

2003 – Present Day, European Commission expert and reviewer

2007 – Present Day, United States National Science Foundation (NSF) reviewer

2000 – Present Day, Expert and reviewer for National Science Foundation organization of several countries in Europe, South America and Asia

2011 – Present Day, External member for HDR (Habilitation de recherche) – France committees

2008 – Present Day, External member of Ph.D. committees in several countries

ACM Distinguished Scientist

ACM Distinguished Speaker

Associate member of IEEE, IEEE Computer Society, and IFIP WG 6.8

Board of the ACM N2Women.

GRADUATE ADVISING

Luca Luceri, currently PhD. Student at University of Bern

Aron Castellani, currently visiting researcher at Uppsala University

Emmanuel Moujeke, currently Master's Student at SUPSI

Valon Zyfallari, currently Master's Student at SUPSI

Risto Pavloski, currently Master's Student at SUPSI

Pavan Patil, currently Master's Student at SUPSI

Zhou Yanxi, currently Ph.D. student at the South China University of Technology

Steven Mudda, currently Ph.D. student at the University of Lugano

Kamini Garg, currently Ph.D. student at the University of Lugano

Luca della Toffola, formerly Master's Student at the Univ. of Lugano, currently PhD at ETH

Claudio Di Giacinto, currently Master's Student at the University of Lugano

Alan Ferrari, currently Ph.D. student at the University of Lugano

Anh Nguyen, currently Ph.D. student at the University of Lugano

Dario Gallucci, currently post-doctoral fellow at SUPSI

Michela Papandrea, currently post-doctoral fellow at SUPSI

Alessandro Urpi, currently Manager at Bank of Messico

Lubjza Blazevic, currently researcher at STM

Daniela de Col, currently Business Coordinator at Conforti srl