

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	ANTONIO CAPONE
E-mail	antonio.capone@polimi.it
Web page	http://home.deib.polimi.it/capone
Nationality	Italian
Place and Date of birth	LECCE (ITALY), JUNE 3, 1969

WORK EXPERIENCE

- Dates (from – to) From August 2011 – to date
- Name and address of employer Politecnico di Milano (Technical University of Milan), piazza Leonardo da Vinci 32, Milano, Italy
- Type of business or sector Education and research
- Occupation or position held Full Professor

- Dates (from – to) From 2009 – to date
- Name and address of employer MobiMESH, POLIMI spin-off company
- Type of business or sector Network devices and services
- Occupation or position held CTO

- Dates (from – to) From March 2005 – July 2011
- Name and address of employer Politecnico di Milano (Technical University of Milan), piazza Leonardo da Vinci 32, Milano, Italy
- Type of business or sector Education and research
- Occupation or position held Associate Professor

- Dates (from – to) From June 1999 – to February 2005
- Name and address of employer Politecnico di Milano (Technical University of Milan), piazza Leonardo da Vinci 32, Milano, Italy
- Type of business or sector Education and research
- Occupation or position held Assistant Professor

EDUCATION AND TRAINING

- Dates (from – to) September 1994 – June 1998
- Name and type of organisation providing education and training Politecnico di Milano (Technical University of Milan)
- Principal subjects Networking
- Title of qualification awarded Ph.D. in Computer and Communication Engineering

- Dates (from – to) September 1988 – July 1994
- Name and type of organisation providing education and training Politecnico di Milano (Technical University of Milan)
- Principal subjects Electrical Engineering
- Title of qualification awarded M.Sc. in Electrical Engineering

PERSONAL SKILLS AND COMPETENCES	ITALIAN
MOTHER TONGUE	
OTHER LANGUAGES	ENGLISH
<ul style="list-style-type: none"> • Reading skills • Writing skills • Verbal skills 	<p>Excellent Excellent Very Good</p>
SOCIAL SKILLS AND COMPETENCES	<p>Prof. Capone teaches two/three classes per year for a total number of students of about 150. Lectures are given in Italian and English.</p>
ORGANISATIONAL SKILLS AND COMPETENCES	<p>He is the Director of a research lab at Politecnico di Milano, ANTLab (Advanced Network Technologies Lab – http://antlab.elet.polimi.it) that he founded in 2001. In the Lab about 20 students (including exchange students) per year work on their master thesis, 4-5 research associates work on research contracts and projects, 5-8 PhD students (including foreign visiting students) work on their major and minor research topics.</p> <p>Prof. Capone coordinates the research activities of his research team within several national and european research projects and contracts.</p> <p>Prof. Capone is co-founder and CTO of MobiMESH (www.mobimesh.eu), a spin-off company of Politecnico di Milano.</p>
ADDITIONAL INFORMATION	<p>Prof. Capone has been advisor of over 250 Master students at the Politecnico di Milano (1995-to date) and 19 PhD students including:</p> <p>Matteo Cesana (Assistant professor at Politecnico di Milano, PhD 2003), Simone Redana (Nokia Siemens Networks, Munich, PhD 2004), Fabio Martignon (Full Professor At University Paris Sud, PhD 2004), Luca Pizzianiaco (Amadeus, Sofia Antipolis, PhD 2006), Ilario Filippini (Assistant professor, Politecnico di Milano, PhD 2007), Razvan Pitic (Post-doc, Politecnico di Milano, PhD 2007), Jocelyne Elias (Assistant Professor at the Paris Descartes University, 2009), Stefano Paris (Assistant Professor at the Paris Descartes University, PhD 2011), Antimo Barbato (Post-Doc, Politecnico di Milano, PhD 2012)</p>
THESIS ADVISOR	
LECTURING ACTIVITY	<p>ACADEMIC COURSES</p> <ul style="list-style-type: none"> - TELECOMMUNICATION NETWORKS FUNDAMENTALS (1999-2003) – UNDERGRADUATE - INTRODUCTION TO COMPUTER NETWORKS AND TCP/IP (2000-2013) – UNDERGRADUATE - WIRELESS NETWORKS (2002-TO DATE) – GRADUATE
RESEARCH PROJECTS	<p>RECENT PROJECTS AND CONTRACTS:</p> <ul style="list-style-type: none"> - VODAFONE ITALY (CONTRACT ON ENHANCED KPIS) – 2013 - VODAFONE ITALY (CONTRACT ON RADIO PLANNING) – 2012-13 - VALTELLINA SPA (CONTACT ON SMART GRIDS) - 2013 - PRISMA ENGINEERING (CONTRACT ON MOBILE TRAFFI MODELLING) – 2013 - GREENTOUCH INTERNATIONAL PROJECT ON GREEN NETWORKING – 2012-2014. - EUROPEAN PROJECT MIWEBA – 2013-15 - EUROPEAN PROJECT MESH-WISE -2013-15 - NATIONAL PROJECT PRIN 2009 GATECOM (HOME NETWORKING),- 2011-2013 - COOPERATION PROJECT GREEN ICT & ICT FOR GREEN, REGIONE LOMBARDIA, 2011-2012. - SAVE-ENERGY, (CONTRACT ON WIRELESS NETWORKING) 2010.

- TECHNOGYM, (CONTRACT ON WIRELESS NETWORKING) 2010.
- VODAFONE ITALY (CONTRACT ON HOME NETWORKING) – 2010.
- EUROEPAN PROJECT EURO-NF NETWORK OF EXCELLENCE – 2007-2013.

SERVICE TO THE SCIENTIFIC COMMUNITY

ASSOCIATE EDITOR OF

- ACM/IEEE TRANS. ON NETWORKING
- WIRELESS COMMUNICATION AND MOBILE COMPUTING (WILEY)
- COMPUTER NETWORKS (ELSEVIER)
- COMMUNICATION NETWORKS (ELSEVIER).

GUEST EDITOR:

- IEEE WIRELESS COMMUNICATION MAGAZINE ON 3G/4G/WLAN/WMAN RADIO PLANNING AND OPTIMIZATION, DEC. 2006.
- AD HOC NETWORKS JOURNAL, AUGUST 2007.
- COMPUTER NETWORKS, SPECIAL ISSUE ON GREEN COMMUNICATION NETWORKS, JULY 2012.

TECHNICAL PROGRAM CO-CHAIR OF MED-HOC-NET 2006.

PUBLICITY CHAIR OF MOBIQUITOUS 2007.

WORKSHOP CHAIR OF IEEE INFOCOM 2010.

GENERAL CHAIR OF WONS 2011.

AREA CHAIR OF IEEE INFOCOM 2012, IEEE INFOCOM 2014

TECHNICAL PROGRAM Co-CHAIR OF IEEE INFOCOM 2013.

MEMBER OF THE TECHNICAL PROGRAM COMMITTEES OF SEVERAL INTERNATIONAL CONFERENCES THAT INCLUDE: IEEE INFOCOM, IEEE SECON, IEEE MASS, IEEE ICC, IEEE GLOBECOM, IEEE VTC, IEEE LCN, ACM MOBICom, IFIP NETWORKING.

REGULAR REVIEWER FOR MOST OF THE MAJOR JOURNALS AND CONFERENCES IN THE AREA OF COMPUTER NETWORKING

MEMBERSHIPS

SENIOR MEMBER OF THE IEEE ,
MEMBER OF THE IEEE COMMUNICATIONS SOCIETY

ACADEMIC SERVICE

PRESIDENT OF THE ACADEMIC COMMITTEE FOR THE BACHELOR AND MASTER OF SCIENCE PROGRAMS IN TELECOMMUNICATIONS ENGINEERING AT POLITECNICO DI MILANO (2013 – TO DATE)

SCIENTIFIC PUBLICATIONS

GOOGLE SCHOLAR (25 SEPT 2013)

H-INDEX : 28

I10-INDEX: 70

TOTAL CITATIONS: 3147

SCOPUS (25 SEPT 2013)

H-INDEX : 17

I10-INDEX: 32

TOTAL CITATIONS: 1179

TOTAL PUBLICATIONS : 58 PAPERS IN INTERNATIONAL JOURNALS, 141 PAPERS IN THE PROCEEDINGS OF INTERNATIONAL CONFERENCES, SEVERAL PAPERS IN NATIONAL JOURNALS, 5 PATENTS.

FOR A LIST OF PUBLICATIONS SEE: <http://home.deib.polimi.it/capone>