

Personal information

First name(s) / Surname(s) Piero Boccardo

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Nationality Italian

Date of birth 20/09/1964

Gender male

Work experience

Dates From June 2012

President of the Board of Directors

Public company management and strategy

5T – Corso Bramante 66/a – I-10100 Torino

Public company owned by Municipality of Torino, Piedmont Regional Authority, Torino Metro City and GTT (Public Mobility Company).

Intelligent Transportation Systems (ITS), mobility mapping and infomobility

2001 -

Occupation or position held

Full Professor in the field of geomatics

Main activities and responsibilities Lecturing activities, supervising master degree theses, (co-)authoring national and international publications

Name and address of employer Politecnico di Torino – Corso Duca degli Abruzzi 24 – I-10129 Torino

Type of business or sector Land, Environment and Geoengineering Dept.

Dates 2006 -

Occupation or position held Director

Main activities and responsibilities

Name and address of employer ITHACA (Information Technology for Humanitarian Assistance, Cooperation and Action) – Via P.C. Boggio 61 – I-10138 Torino

Type of business or sector Geomatics, Mapping and Remote Sensing for emergency management (non-profit association)

Dates 2001 - 2018

Occupation or position held Associate professor

Main activities and responsibilities Research activities, in charge of several University courses in the field of Geomatics

Name and address of employer Politecnico di Torino – Corso Duca degli Abruzzi 24 – I-10129 Torino  
Type of business or sector Land, Environment and Geoengineering Dept.

Dates 1995 - 2001

Occupation or position held Researcher

Main activities and responsibilities Research activities, in charge of several University courses in the field of Geomatics

Name and address of employer Politecnico di Torino – Corso Duca degli Abruzzi 24 – I-10129 Torino  
Type of business or sector Land, Environment and Geoengineering Dept.

Education and training

Dates 1992 - 1995

Title of qualification awarded Ph.D in "Geodetic and Topographic Sciences"

Principal subjects/occupational skills covered Remote sensing and digital photogrammetry. Dissertation thesis titled: "Digital images acquisition and processing systems suitable for photogrammetric applications"

Name and type of organisation providing education and training

Politecnico di Torino - Land, Environment and Geoengineering Dept.

Dates 1984 - 1990

Title of qualification awarded Degree cum laude in Architecture

Principal subjects/occupational skills covered Degree course in Architecture

Name and type of organisation providing education and training Politecnico di Torino

Personal skills and competences

Mother tongue(s) Italian

Social skills and competences Very good ability to work in team and very good communication skills gained through my experience as lecturer and professor. Good ability to adapt to multicultural environments, gained through my work and study experience abroad

Organisational skills and competences Leadership (currently responsible for a team of 25+60 people)

Technical skills and competences

Acquired competencies concerns primarily geomatics (Remote Sensing, Digital Mapping, GIS and Digital Photogrammetry). In particular, the different research are related to:

- Mobility and sustainable mobility
- Geomatics and Information Technology for the analysis, assessment and mitigation of natural and manmade hazards
- \* Remote sensing applications for the assessment of environmental conditions
- \* Digital mapping and SDI implementation
- \* Digital photogrammetry applied to remotely sensed data processing for the evaluation of geometric high

resolution geometric and radiometric characteristics

- Development of small UAV (Unmanned Aerial Vehicle) for emergency preparedness

Funded projects

Year Topic Founder Amount (€)

2017 MASDAP Malawi, World Bank, 52.000

2017 Uganda Open mapping Program, World Bank, 25.000

2017 Framework Service Contract for Global Land High Resolution Hot Spot Monitoring within the Global Land Component of the Copernicus Land Service - LOT 1 (JRC), 108.056

2017 Services supporting the European Environment Agency's (EEA's) implementation of cross-cutting activities for coordination of the 'in situ' component of the Copernicus programme (EEA) , 180.000

2017 Recrutement d'une firme pour la mise a jour de Haitidata.org et la formation des cadres du CNIGS – Haiti World Bank, 87.500

2017 Copernicus Emergency Management Service - Rapid Mapping (JRC), 177.000

2017 Training and Capacity Building for Afghanistan GeoNode Platform Hosting a Multi-Hazard Risk Assessment World Bank, 36.300

2017 TRIBUTE - TRigger BUFFers for inundaTion Events (European Civil Protection), 105.000

2017 SUMP (Sustainable Urban Mobility Planning) in Myanmar (EuropeAid), 108.460

2017 SPARC (World Food Programme, 22.000

2017 Marine traffic SRM - Centro Studi sul Mezzogiorno, 9.825

2015 IDEM – Internet of Data Environmental Monitoring Regione Piemonte, 52.412,00

2015 IES2 - Infrastructure Exposure Smart Security SMAT, 60.000,00

2014 ENVIMAP – ENVIronmental MAPping SiTI, 20.000,00

2014 Emergency SDI SiTI, 62.537,00

2014 DIRECT - DISaster RECOVERY Team Politecnico di Torino, 21.855,00

2014 PoliCycle – Sustainable mobility Team Politecnico di Torino, 15.000,00

2010- 6 Full Ph.D Grants Politecnico di Torino, 391.000,00

2008 RS4DM – Remote Sensing for Disaster Management SiTI, 40.000,00

2006 PRIN 2004 – Road Information Systems design and management MIUR, 100.000,00

2012 PRIN 2010 – Innovative technologies for disaster management MIUR, 85.000,00

2005 Cosmo SkyMed image simulation Italian Space Agency (ASI), 120.000,00

2008 Digital map for mobile phone networks specifications and testing TIM S.p.A., 60.000,00

2006 Digital map for mobile phone networks testing Omnitel S.p.A., 5.000,00

2006 Digital map for mobile phone networks testing H3G S.p.A., 5.000,00

2006 Digital map for mobile phone networks testing Wind S.p.A. 5.000,00

2004 Road network GIS design Provincia di Macerata, 10.000,00

2004 Remote sensing training course Arpa Piemonte, 20.000,00

Academic record

Computer skills and competences

Copernicus Emergency Management Service – Rapid Mapping: under a contract awarded by the European

Commission for the operational provision of the Copernicus Emergency Management Service, ITHACA, in partnership with e-GEOS (leader), GAF, SIRS, SERTIT and DLR, has been awarded the Copernicus Emergency Management Service operations for the period 2012 – 2019.

In charge for many university courses in the field of geomatics (remote sensing, digital maps, GIS design and applications); tutor of more than 50 dissertation thesis and around 20 Ph.D. dissertation ones

Very good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™); Image processing and GIS softwares

Additional information I am/have been member of many committees and professional associations – please see annex 1

I am author of more than 170 scientific publications (references supplied on request)

List of committees and professional associations memberships

Institutional Responsibilities

- Member of the Academic Senate - Politecnico di Torino from 1994 to 1996
- Member of the Ph.D Commission of the Academic Senate - Politecnico di Torino from 1994 to 1996
- Member of the Scientific Research Commission of the Academic Senate - Politecnico di Torino from 1994 to 1996
- Member of the DIGET Department Board from 1998 to 2000

Grant reviewer

- Referee for the national project of Siena University from 2000 to 2004
- Referee for the national project of Padua University since 2000
- Remote sensing referee for the Polo Nazionale di Bioelettronica

Commissions of trust

- President of AIT (Associazione Italiana di Telerilevamento) since 2010
- President of the Working Group 1 (Disaster) of Commission VIII (Remote Sensing Application) of ISPRS (International Society of Photogrammetry and Remote Sensing) from 2008 to 2012
- Member of ITHACA (Information Technology for Humanitarian Assistance, Cooperation and Action) Board of Directors
- Member of ITHACA (Information Technology for Humanitarian Assistance, Cooperation and Action) Steering Committee

Conferences Organization

- Chairman of more than 150 oral and poster sessions in different National and International Congresses

Membership of Associations

- Member of the Remote Sensing Italian Association (AIT) since 2000
- Member of the ASITA Scientific Committee since 1997