

Paolo Felice Maschio's CV

First Name: Paolo Felice

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Born [REDACTED] (Turin province, Italy) on July 29, 1966, Italian Citizen, [REDACTED]

Geom. Paolo Maschio

Short Biography

Born [REDACTED] on July 29, 1966 he got a surveyor degree at ITSG Guarino Guarini on 1988. In 1989-1990, he has participated at the school of photogrammetry, organized by Politecnico di Torino and Politecnico di Milano, receiving the certification of expert in photogrammetry.

On November , 1997 he joined at the Politecnico di Torino as geomatic technician.

He is the person on charge of the geomatics and photogrammetry LAB, about the management and technical aspects.

He is involved in several national and international projects, which are focused on the use of photogrammetry, laser scanner and UAV for data collection and mapping, especially for cultural heritage and environmental engineering applications.

He has a high experience on survey and geomatics and he is able to manage a team.

He is also involved in two student teams, called DIRECT and POLICYCLE, which are focused on the use of geomatics solution for geospatial data collection and early mapping.

Moreover, he is part of a research team called DREAM, which is a team funded by Politecnico di Torino and Politecnico di Milano devoted to use the UAV for water monitoring resource in the glacier.

His competences are UAV photogrammetry and laser scanner survey.

In the past, he has been involved in survey in the field, in different parts of the worlds as Netherlands, United kindom, South Korea, Switzerland, etc.

Recently, he has started to work about the use of rover (small drone) in water application, in particular for dam investigation.

He is member of the Italian Society of photogrammetry and Topography.

He is Author of more than 25 papers on national and international Journal and congress proceedings.

In the past, he has been part of the administrative board in the department of Environment, land and infrastructure engineering at the Politecnico di Torino.

Recent and relevant publications (for the purposes of this project)

1. Chiabrando, F.; Lingua, A.; Maschio, P.; Teppati Losè, L. (2017) THE INFLUENCE OF FLIGHT PLANNING AND CAMERA ORIENTATION IN UAVs PHOTOGRAMMETRY. A TEST IN THE AREA OF ROCCA SAN SILVESTRO (LI), TUSCANY. In: INTERNATIONAL ARCHIVES OF THE PHOTOGRAMMETRY, REMOTE SENSING AND SPATIAL INFORMATION SCIENCES, vol. XLII-2/W3, pp. 163-170. - ISSN 2194-9034

2. Chiabrando, F.; Di Pietra, V.; Lingua, A.; Maschio, P.; Noardo, F.; Sammartano, G.; Spanò, A. (2016)
3. TLS MODELS GENERATION ASSISTED BY UAV SURVEY. In: INTERNATIONAL ARCHIVES OF THE PHOTOGRAMMETRY, REMOTE SENSING AND SPATIAL INFORMATION SCIENCES, vol. XLI-B5, pp. 413-420. - ISSN 2194-9034
4. Paonessa, Fabio; Virone, Giuseppe; Capello, Elisa; Addamo, Giuseppe; Peverini, Oscar Antonio; Tascone, Riccardo; Bolli, Pietro; Pupillo, Giuseppe; Monari, Jader; Schiaffino, Marco; Perini, Federico; Rusticelli, Simone; Lingua, Andrea Maria; Piras, Marco; Aicardi, Irene; Maschio, Paolo (2016) VHF/UHF antenna pattern measurement with unmanned aerial vehicles. In: 2016 IEEE Metrology for Aerospace (MetroAeroSpace), Firenze, 22-23 June 2016. pp. 87-91
5. Paonessa, Fabio; Virone, Giuseppe; Aicardi, Irene; Lingua, Andrea M.; Piras, Marco; Maschio, Paolo; Bolli, Pietro; Addamo, Giuseppe; Peverini, Oscar A.; Orta, Renato; Tascone, Riccardo (2015) Antenna Pattern Measurement with UAVs: Cross Polarization Performance. In: 36th ESA Antenna Workshop on Antennas and RF Systems for Space Science, ESTEC, Noordwijk, The Netherlands, 06 – 09 October 2015.
6. Paonessa F.; Virone G.; Lingua A.M.; Piras M.; Aicardi I.; Maschio P.; Peverini O.A.; Addamo G.; Orta R.; Tascone R.; Bolli P. (2015) Effect of the UAV orientation in antenna pattern measurements. In: 2015 9th European Conference on Antennas and Propagation (EuCAP), Lisbon (PT), Apr. 12-17 2015. pp. 1-2
7. G. Pupillo;G. Naldi;G. Bianchi;A. Mattana;J. Monari;F. Perini;M. Poloni;M. Schiaffino;P. Bolli;A. Lingua;I. Aicardi;H. Bendea;P. Maschio;M. Piras;G. Virone;F. Paonessa;Z. Farooqui;A. Tibaldi;G. Addamo;O.A. Peverini;R. Tascone;S.J. Wijnholds (2015) Medicina array demonstrator: calibration and radiation pattern characterization using a UAV-mounted radio-frequency source. In: EXPERIMENTAL ASTRONOMY, vol. 39 n. 2, pp. 405-421. - ISSN 0922-6435
8. Aicardi, Irene; Boccardo, Piero; Chiabrando, Filiberto; Donadio, Elisabetta; Lingua, Andrea; Maschio, Paolo; Noardo, Francesca; Spanò, Antonia (2015) Modelli 3D multisensore per l'acropoli segusina. In: L'arco di Susa e i monumenti della propaganda imperiale in età augustea, Susa, 12/04/2014. pp. 195-216
9. Aicardi, I.; Assaba, M.; Audra, P.; Banzato, C.; Bianco, F.; Fiorucci, A.; Gourbesville, P.; Laborde, J.P.; Lingua, A.; Maschio, P.; Marchionatti, F.; Menegatti, S.; Moitre, B.; Noardo, F.; Vigna, B. (2015) Progetto ALIRHYS, Alpi Latine identificazione delle risorse Hydrique Sotterranee. Regione Piemonte. ISBN 978-88-98878-10-9
10. Paonessa, F.; Virone, G.; Aicardi, I.; Lingua, A.M.; Piras, M.; Maschio, P.; Bolli, P.; Addamo, G.; Peverini, O.A.; Orta, R.; Tascone, R. (2015) Recent results in antenna pattern measurement with UAVs. In: 2015 International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino (IT), September 7-11, 2015. pp. 720-721
11. Aicardi, Irene; Chiabrando, Filiberto; Lingua, Andrea; Lingua, Emanuele; Marzano, Raffaella; Maschio, Paolo; Piras, Marco (2015) UAV per la generazione di DSM multi-temporali per il monitoraggio delle dinamiche di ricostituzione post-incendio di aree boschive. In: 19° conferenza ASITA, Lecco, 29 settembre - 1 ottobre 2015.