



## *Prof. Filiberto CHIABRANDO*

Filiberto Chiabrando è Professore Associato in Geomatica presso il Dipartimento di Architettura e Design (DAD) del Politecnico di Torino e Adjunct Assistant Professor presso la Michigan Technological University - Department of Civil and Environmental Engineering, College of Engineering (USA). Gli interessi di ricerca riguardano la fotogrammetria, i sistemi aerei a pilotaggio remoto (UAV o Droni), laser scanner 3D modellazione 3D, HBIM, realtà virtuale/aumentata, sistemi SLAM (Simultaneously Localization and Mapping), rapid mapping ed integrazione di sensori legati alla documentazione, modellazione 3D e rappresentazione integrata del Patrimonio Culturale principalmente connesso ai Beni Architettonici ed Archeologici. E' autore di più di 150 pubblicazioni in riviste nazionali ed internazionali, libri e atti di convegno. Dal 2018 fa parte di collegio di Dottorato in Beni Architettonici e Paesaggistici, membro del comitato scientifico della Società Italiana di Fotogrammetria e Topografia (SIFET), della GEER (Geotechnical Extreme Events Reconnaissance) association, segretario del WG I/II - UAS & Small Multi-sensor Platforms: Concepts & Applications- della International Society of Photogrammetry and Remote Sensing (ISPRS). Dal 2018 nel management board di PIC4SER (PoliTO-Interdepartmental Centre for Service Robotics- <https://pic4ser.polito.it/>).

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### *ENGLISH VERSION*

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Filiberto Chiabrando is an associate professor in Geomatics at the Polytechnic University of Turin (Italy) Department of Architecture and Design (DAD) and adjunct assistant Michigan Technological University - Department of Civil and Environmental Engineering, College of Engineering (USA). His main research interests are related to photogrammetry, unmanned aerial systems, laser scanning, 3D reconstruction, 3D modelling, Virtual Reality/Augmented reality, SLAM (Simultaneously Localization and Mapping) systems, rapid mapping and sensor integration often connected to Cultural Heritage documentation in architectural and archaeological contexts. He is author of more than 150 papers in national and international journals, books and conference proceedings. Actually he is member of the PhD program in Architectural and Landscape Heritage, of the Scientific Committee of the Italian Society of Photogrammetry and Surveying (SIFET), of the Geotechnical Extreme Events Reconnaissance association (GEER), secretary of the Intercommision Working Group I/II- UAS & Small Multi-sensor Platforms: Concepts & Applications- of the International Society of Photogrammetry and Remote Sensing (ISPRS) and part of the management board of PIC4SER (PoliTO-Interdepartmental Centre for Service Robotics <https://pic4ser.polito.it/>).