



Beatrice Tanduo – Curriculum Vitae

Home : Via Paradisi, 43/A, 30032, Fiesso d'Artico (VE), Italy

Work : Castello del Valentino, Viale Mattioli, 39, 10125, Torino, Italy

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Email: beatricetanduo96@postecert.it **Phone**: (+39) 3453327888

Date of birth: 05/15/1996 **Nationality**: Italian

POSITION || **PhD STUDENT**

Architecture and Landscape Heritage

EDUCATION AND TRAINING

[11/01/2022 – Current]

PhD Student in Architectural and Landscape Heritage

Politecnico di Torino, Department of Architecture and Design (DAD)

<http://dottorato.polito.it/it/home>

Address: Viale Mattioli, 39, 10125, Torino, Italy

Level in EQF: EQF level 8

[09/2018 – 04/2021]

Master Degree in Architecture (LM-4)

Università IUAV di Venezia <http://www5.iuav.it/homepage/>

Address: Santa Croce, 191, 30135, Venezia, Italy

Final grade: 110/110 cum Laude **Level in EQF**: EQF level 7

Thesis: Methods and techniques for urban surveying: a contribution to the morphological study of the city

[08/2015 – 09/2018]

Bachelor Degree in Architecture Science (L-17)

Università IUAV di Venezia <http://www5.iuav.it/homepage/>

Address: Santa Croce, 191, 30135, Venezia, Italy

Final grade: 110/110 **Level in EQF**: EQF level 6

[08/2011 – 06/2015]

High School Scientific Diploma

Liceo Statale Galileo Galilei <https://www.liceogalileidolo.edu.it/>

Address: Via Curzio Frasio, 27, 30031, Dolo (VE), Italy

Final grade: 90/100 **Level in EQF**: EQF level 4

WORK EXPERIENCE

[09/2021 – 08/2022]

Postgraduate and research scholarship

Università IUAV di Venezia

City: Santa Croce, 191, 30135, Venezia

Country: Italy SSD

ICAR/06

Scientific director: Prof. Francesco Guerra

Research activities entitled "Study of the urban area of Santa Marta in Venice".

[10/2021 – 06/2022]

Collaboration on the SIFET 2022 benchmark for spherical camera photogrammetry

SIFET – Italian Society of Photogrammetry and Topography

City: Via Cavour 179/A, 00184 Roma

Country: Italy

Support in surveying activities and processing of acquired data [

06/2021 – 08/2022]

Teaching support

Università IUAV di Venezia

City: Santa Croce 191, 30135, Venezia

Country: Italy

Teaching support for the classes:

- "Scan 3D" - MADI XI
Head teachers: Dott. Paolo Vernier, PhD - Prof. Caterina Balletti Master in Digital Architecture (MADI)
- Geomatics for Architecture
Head teacher: Prof. Francesco Guerra Bachelor Degree in Architecture
- Geomatics for Architecture
Head teacher: Prof. Francesco Guerra Master Degree in Architecture
- Geomatics for Restoration
Head teacher: Prof. Francesco Guerra
Post-graduate school in Architectural and Landscape Heritage

[08/2021 – 12/2021]

Teaching support

Università Ca' Foscari Venezia

City: Dorsoduro 3246, 30123, Venezia

Country: Italy

Teaching support for the class:

- Geomatics for Archeology
Head teacher: Prof. Francesco Guerra Master Degree in Archeology

INTERNSHIP EXPERIENCES

[09/2020 – 02/2021]

Curricular Internship

Laboratorio di Fotogrammetria - CIRCE

City: Santa Croce, 191, 30135, Venezia

Country: Italy

Università IUAV di Venezia

SSD ICAR/06

Assistance in the operational and didactic activities of the Photogrammetry Laboratory: collaboration in the execution of topographic, photogrammetric and laser scanning surveys, data processing, 2D and 3D graphics/models.

[09/2017 – 01/2018]

Curricular Internship

Laboratorio di Scienza delle Costruzioni - LABSCO

City: Via Torino, 153/A, 30172, Mestre (VE)

Country: Italy

Università IUAV di Venezia

SSD ICAR/08 - ICAR/09

Support in the operational activities of the Laboratory of Construction Science: tests on building materials (concrete, steel), tests on structural elements (floors, load-bearing elements, ...), micro-seismic investigations, analysis and evaluation of data.

LEARNING EXPERIENCES

[08/03/2022 – 09/09/2022]

SUNRISE Summer School

Promotor: ISPRS - SIFET

SSD ICAR/06

City: Marina di Ragusa (RG), Italy

Seashore and underwater documentation of Archaeological Heritage palimpsests and environment.

[09/15/2019 – 09/26/2019]

Summer School IUAV - Protezione Civile

Promotor: Laboratorio di Scienza delle Costruzioni - LABSCO

Università IUAV di Venezia

SSD ICAR/08 - ICAR/09

City: Villalago (TR), Italy

Non-destructive theories and techniques for the knowledge, interpretation, and verification of the vulnerability of monuments and historical structures.

ABROAD EXPERIENCES

[04/2019] **Scotland Landforms - Edinburgh, Dundee, Stonehaven, Helensburgh, Glasgow**

Study trip

Promotor: Prof. Angelo Maggi

Università IUAV di Venezia

[04/2018] **Modern Low Tech - Basel, Colmar, Ronchamp, Weil Am Rhein, Como**

Study trip

Promotor: Prof. Esther Giani

Università IUAV di Venezia

[04/2017] **Gràz a Wién - Wien, Graz**

Study trip

Promotor: Prof. Angelo Maggi

Università IUAV di Venezia

CONFERENCES AND SEMINARS

[06/20/2022 – 06/23/2022] **National Conference of Geomatics and Geographic Information #ASITA2022**
Genova

[11/10/2021] **1951 - 2021: 70 years of SIFET** Venezia

[04/26-27/2021]

Webinar SIFET - IUAV Mobile Mapping System and 3D documentation; GNSS positioning

[11/2020 – 01/2021] **Webinar Geosapiens - Prof. R. Maseroli**

[05/2020 – 07/2020] **Webinar "InForma con SIFET 2.0"**

PUBLICATIONS

[2019] **(Fr)agile terra. Paesaggi di crisi e possibilità / 01 La bassa friulana**

Reference: Laura Cipriani et al. Published by

Università IUAV di Venezia [book in italian –

229 p. – ill.]

ISBN 978-88-992-4395-1

[2022]

La fotogrammetria sferica per il rilievo del patrimonio storico-culturale: la necropoli di Anghelu Ruju

Proceedings of the National Conference of Geomatics and Geographic Information ASITA 2022, Genova

G. Furfaro, B. Tanduo, G. Fiorini, F. Guerra

La fotogrammetria sferica in ambienti complessi: il caso del Rio veneziano di Toresele

Proceedings of the National Conference of Geomatics and Geographic Information ASITA 2022, Genova

E. Breggion, B. Tanduo, A. Martino, P. Vernier, F. Guerra

New tools for urban analysis: a SLAM-based research in Venice

MDPI Remote Sensing

Special Issue "Applications of Laser Scanning and Photogrammetry in Civil Engineering and Architecture: Beyond 3D Modeling"

B.Tanduo, A. Martino, C. Balletti, F. Guerra

LANGUAGESKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

Operating systems

Windows, MacOS

Office Suite

Word, Excel, PowerPoint

Adobe Suite

Photoshop, Illustrator, InDesign, After Effects, Premiere

Drawing, modeling and BIM Autodesk

Autocad 2D e 3D, Revit, 3ds Max

Photogrammetric Software

Agisoft Metashape, Reality Capture, 3DF Zephyr, Bentley ContextCapture, RDF

Point Cloud Software

Faro SCENE, Autodesk Recap, Bentley Pointools, CloudCompare

GIS Software

ESRI ArcGis Desktop, ArcGis Pro

Software for the analysis of structures

Straus7, Grilla, Catman

SOFTSKILLS

Relational skills

Excellent ability of teamworking and socializing, even with people of different nationalities, acquired during the period of university studies, internships, professional experiences and voluntary activities.

Communication skills

Good oral and written communication skills acquired in the university and professional field; very good grammar and lexical knowledge; good public speaking skills developed thanks to the experiences of oral exposure of researches/projects carried out and collaboration in teaching in the university; excellent listening and synthesis skills.

Organizational skills

Excellent skills of projects organization and management acquired during both individual and team experiences both in university studies and professional works; good problem- solving and planning skills and attention to punctuality in meeting deadlines; excellent ability to maintain order in the collection and management of information and coordination of the different project steps.

Artistic skills

Interest in drawing and photography, passion for the history of art and architecture developed first as personal interests and then declined in the choice of university.

DRIVING LICENCE

B

Torino, 03/10/2023

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