

INFORMAZIONI PERSONALI

Veronica Riavis

Assistant professor

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Sex Female | Date of birth 15/02/1989 | Nationality Italian

ACCADEMIC EXPERIENCE

From 4 May 2021
to 3 May 2024

Assistant professor – Ricercatore art. 24 c.3-a L. 240/10 - SC 08/E1 - SSD ICAR/17 Drawing University of Udine, DPIA - Polytechnic Department of Engineering and Architecture.
 • Lecturer of CAD and BIM Drawing to the Bachelor of Building and Territory Techniques, A.A. 2022-2023, 2023-2024 (48 hours, 6 CFU).
 • Lecturer of the workshop for the courses to the Bachelor of Architectural Science and master's degree in architecture "TACTILE REPRESENTATION AND FRUITION OF ARCHITECTURE. Inclusive representation of cultural heritage for museum accessibility", A.A. 2022-2023 (10 hours, 1 CFU)
 • Lecturer of mod. III - Design Thematic Laboratory to the Bachelor of Science in Architecture, A.Y. 2020-2021; A.Y. 2021-2022; 2022-2023 (64 hours, 4 CFU).
 • Lecturer of the Drawing module of the Drawing with Digital Drawing and BIM course at the Bachelor of Science in Civil Environmental Engineering, A.Y. 2021-2022 (48 hours, 6 CFU).
 • Visiting professor - Erasmus Teaching Staff program at Departamento de Expresión Gráfica Arquitectónica, Universitat Politècnica de València (08-12/06/2021).

2020-2021 Adjunct Lecturer - SC 08/E1 - SSD ICAR/17 Drawing
 University of Udine, DPIA - Polytechnic Department of Engineering and Architecture.
 • Lecturer of Mod III - Drawing of the Thematic Design Laboratory at the Bachelor of Science in Architecture, A.A. 2020-2021 (48 hours, 6 CFU).

2019-2020 Teaching Collaboration - SC 08/E1 - SSD ICAR/17 Drawing
 University of Udine, DPIA - Polytechnic Department of Engineering and Architecture.
 • Teaching Collaboration to Module I - Digital Drawing of Architectural Design Laboratory 2 at the Bachelor of Science in Architecture (A.A. 2019-2020).

Teaching Collaboration - SC 08/E1 - SSD ICAR/17 Drawing
 University of Trieste, DIA - Department of Engineering and Architecture.
 • Teaching collaboration for the Digital Drawing module of the Laboratory of Architectural Design II, at the single-cycle master's degree course in Architecture (A.A. 2019-2020).

2016-2019 Free teaching collaboration - SC 08/E1 - SSD ICAR/17 Drawing
 University of Trieste, DIA - Department of Engineering and Architecture.
 • Teaching collaboration for the Digital Drawing module of the Laboratory of Architectural Design II, to the single-cycle master's degree course in Architecture (A.A. 2016-2017; 2017-2018; 2018-2019).

EDUCATION AND TRAINING

2020-2021 1st level master in "Building Information Modeling - Expert in information modeling and project management."
 110/110
 University of Udine, 19/02/2021.

2016-2019	PhD in Civil Environmental Engineering and Architecture (curriculum Architecture) – SSD ICAR/17. University Trieste – University of Udine, 17/3/2020. Summa cum laude and dignity of publication University of Trieste – University of Udine, 17/3/2020.
2012-2014	Master's degree in architecture 110L and academic merit /110 University of Trieste, 27/3/2015.
2008-2012	Bachelor's degree in sciences of architecture 110/110 University of Trieste, 24/7/2012.
2008-2003	Scientific maturity diploma (with English and German languages). Liceo scientifico "Duca degli Abruzzi", Gorizia.

PERSONAL SKILLS	
Mother tongue(s)	Italian
Other language(s)	English (B2) German (B1)
Job-related skills	Drawing, descriptive geometry, traditional and advanced survey, advanced modeling, graphic design, inclusive and haptic representation (tactile replications and translations).
Digital skills	Word processing and Spreadsheets, 3D Survey and Laser scanning, Photogrammetry, Computer Aided Design (CAD), 3D modeling, Texture mapping, Rendering simulation, Virtual Reality (VR), Augmented Reality (AR), Rapid Prototyping.

ADDITIONAL INFORMATION

Titols	<ul style="list-style-type: none"> ▪ Qualification to the profession of Architect at University of Trieste (2018). ▪ ASN Habilitation as Associate Professor for SC 08/E1 Drawing from 1/6/2022 to 1/6/2032.
Awards	<p>2022 - Best Paper at the 43rd International Conference of Teachers of the Disciplines of Representation.</p> <p>2020-2021 - "UID Giovani Vito Cardone" award for the <i>methodus.eu</i> project (member of the research team).</p> <p>2020 - "Gaspere De Fiore" silver plaque at the Congress of the UID – Unione Italiana per il Disegno (Italian Union for Drawing).</p> <p>2016 - Merit at the "Architect Mario Chinese" award II ed., Italia Nostra section of Gorizia.</p>
Research	<ul style="list-style-type: none"> ▪ PNRR - Ecosystem iNEST for the University of Udine (Spoke 3, RT 2 - Smart Manufacturing and RT3 - Materials). ▪ University Strategic Plan 2022-2025 - ESPeRT Project - Energy, Sustainability of Production Processes and Territorial Resilience for Ecological Transition. WP Territorial Resilience with the Task Land and Water Resource Protection, Redevelopment of the Built Environment, sub-task TR1.2 Methods and tools for integrated interventions for the redevelopment and redevelopment of regional productive settlements for the purpose of improving resilience, as a member (Line 1: Historical surveys, survey, analysis, assessments, and monitoring). ▪ 2021 - ongoing <p>Member of the research group coordinated by Antonio Camassa (Università degli Studi Roma Tre) for the project <i>metodus.eu The database of treatises on methods of representation</i>, winner of the UID Giovani Vito Cardone Prize, a call for cultural activities proposed by the member members of the Italian Union for Drawing. The project is sponsored by the University of Udine.</p> <ul style="list-style-type: none"> ▪ 2016-2018 <p>Research Collaboration (University Research Fund F.R.A. 2015), University of Trieste, Department of Engineering and Architecture entitled "Inverse Perspective and interactive Communication of Painted Architectures on Curved Surfaces," coordinator Prof. Alberto Sdegno.</p> <p>Collaborative activity in the National Research PRIN 2010-11 national responsible Prof. Riccardo Migliari, entitled "Architectural Perspectives: digital conservation, dissemination and study," on the topic of perspective restitution of Paolo Veronese's frescoes in Villa Maser." The local unit was coordinated by Prof. Alberto Sdegno, University of Trieste.</p>
Speaker at conferences	<ul style="list-style-type: none"> ▪ UDINE, Mangilli-del Torso Palace, 05/05/2023 <i>Nuove tecnologie di simulazione immersiva in architettura e ingegneria: dalla realtà aumentata alla realtà virtuale</i>, organized by CISM - International Center for Mechanical Studies, under the patronage of the Italian Union for Design. Keynote speaker: "<u>Acquisizione digitale di modelli 3D per la realtà virtuale</u>". ▪ PISA, Università degli Studi di Pisa, 23-24-25/03/2023 International conference Fortmed 2023 - <i>Defensive Architecture of the Mediterranean</i>. Keynote speaker "<u>Architetture fortificate in Istria: analisi, restituzione BIM e comunicazione avanzata di due forti a Pola</u>", by A. Sdegno, V. Riavis, P. Bašić. ▪ GENOA, University of Genova, 2-3/12/2022 I Conference DAI - Drawing for Accessibility and Inclusion, member of the Scientific Technical Committee. Speech speaker: "<u>Disegno a rilievo e mappe di luogo: comprendere l'architettura attraverso il tatto</u>". ▪ GENOA, University of Genova, 15-16-17/09/2022 Participation to <i>DIALOGHI / DIALOGUES • visioni e visualità / visions and visuality: Testimoniare Comunicare Sperimentare / Witnessing Communicating Experimenting</i>, 43rd International Conference of Teachers of Representation Disciplines, Congress of the Italian Union for Drawing. Speech speaker: "<u>La Città Nuova di Sant'Elia: ricostruzione e simulazione video di due progetti per la metropoli del futuro / The Città Nuova by Sant'Elia: Advanced Simulation of Two Projects for the Metropolis of Future</u>", by A. Sdegno, S. Masserano, V. Riavis. Contribution awarded as best paper for the Witnessing session on Friday 16 September ▪ UDINE, University of Udine, 13-17/06/2022 Open conference <i>Around Palladio / Attorno a Palladio. Il disegno di architettura tra storia e nuove tecnologie di rappresentazione</i> and PhD Summer school <i>Around Palladio / Attorno a Palladio. Nuove metodologie di disegno per l'architettura</i>, organized by Unione Italiana per il Disegno and University of Udine, referent prof. A. Sdegno. Keynote speaker: "<u>Augmenting Painting: restituzioni prospettiche di dipinti e applicazioni in realtà aumentata</u>". ▪ Telematics, 12-13/10/2021 <i>REAACH-ID 2021</i> online symposium. Keynote speaker: "<u>Rappresentazione digitale e virtualità interattiva nel Vitra Fire Station di Zaha Hadid</u>" by A. Sdegno, V. Riavis, C. Cochelli, M. Comelli, on 12 October 2021. ▪ REGGIO CALABRIA - MESSINA, Università degli Studi Mediterranea, 16-17-18/09/2021 Participation to <i>CONNETTERE un disegno per annodare e tessere / CONNECTING drawing for weaving relationships</i>", 42nd International Conference of Teachers of Representation Disciplines Congress of the Italian Union for Drawing Presentation of the "metodus.eu" project on 17 September 2021, by A. Camassa, A. Bortot, P. Cochelli, F. M. La Russa, M. F. Mancini, A. Meloni, S. Menconero, S. Mikolajewska, V. Riavis. ▪ ROME, Telematics, 04/12/2020 Conference <i>Documentazione & Digitale 2020. Conoscere e comunicare il patrimonio culturale</i>, organized by Sapienza Università di Roma. Keynote speaker: "<u>Rappresentazione tattile di beni culturali. Ricerche isontine tra arte e architettura</u>" by V. Riavis and P. Cochelli. ▪ MILAN, Politecnico di Milano, 21/10/2019 <i>2nd BRAINSTORMING BIM VR AR MR 2019 CONFERENCE</i>. Keynote speaker: "<u>From BIM to virtual reality: interactive architectural mode</u>" by A. Sdegno, P. Cochelli, V. Riavis. Dimostrazioni e presentazione di sistemi di realtà virtuale nella sessione <i>Experiences</i>. ▪ MARIANO DEL FRIULI (GO), 16/04/2019 Keynote speaker at "<u>Premio Architetto Mario Chinese</u>". II Edition by Italia Nostra Onlus – Section of Gorizia for the thesis "The admirable disillusionment of Christoph Tausch in the church of St. Ignatius in Gorizia: perspective restitution and digital reconstruction of the <i>architectura picta</i>". Supervisor Prof. Alberto Sdegno, co-supervisor Arch. Silvia Masserano. Municipality of Mariano del Friuli. ▪ FLORENCE, University of Florence, 08-09/11/2018 <i>L'architettura dipinta: storia, conservazione e rappresentazione digitale</i>, IV International Conference on Quadraturism and grand decoration in Baroque-era painting, Santa Maria Novella, Florence. Keynote speaker: "<u>Prospettive illusionistiche di Christoph Tausch nell'Europa Centro Orientale</u>" by A. Sdegno, V. Riavis. ▪ BRIXEN (BZ), Libera Università di Bolzano, 05-06/07/2018 <i>Earth 2018 – Digital environment for Education, ARTs and Heritage</i>. Keynote speaker: "<u>Advanced simulation of Frank Lloyd Wright's Fallingwater</u>" by A. Sdegno, P. Cochelli, V. Riavis, S. Veneziano. Brixen, 5-6 July 2018. ▪ GORIZIA, Fondazione CARIGO, 09/11/2017 Keynote speaker: "<u>Itinerario: Chiesa di Sant'Ignazio Confessore</u>" and exhibition of the section of St. Ignatius Church of the project <i>Gorizia ConTatto</i> by Italia Nostra Onlus section of Gorizia, at Fondazione Cassa di Risparmio di Gorizia. ▪ MILAN, Politecnico di Milano, 05-06/07/2017

5th INTBAU International Annual Meeting – “Putting tradition into practice. Heritage, Place, Design” organized by INTBAU Italia at Politecnico di Milano - Bovisa. Keynote speaker: “The Crociera Room of Villa Barbaro in Maser. Perspective restitution of architectural frescoes” by A. Sdegno, S. Masserano, V. Riavis.

• **GORIZIA, St. Ignatius, 09/06/2017**

Keynote speaker: “Dentro l’immagine: restituzione tridimensionale dell’affresco absidale di Christoph Tausch” on *La lunga notte delle chiese* organized by Belluno La Notte.

• **GORIZIA, Fondazione CARIGO, 25/11/2016**

Keynote speaker and winner of merit for the award “Architetto Mario Chinese”, Il Edition, by Italia Nostra Onlus – Section of Gorizia for the thesis “Il mirabile disinganno di Christoph Tausch nella chiesa di Sant’Ignazio a Gorizia: restituzione prospettica e ricostruzione digitale dell’*architettura picta*”. Relatore Prof. Alberto Sdegno, correlatrice Arch. Silvia Masserano. Fondazione Cassa di Risparmio - Gorizia, 6 dicembre 2016.

• **GORIZIA, Università degli Studi di Trieste, 24/11/2015**

Relatrice dell’intervento: “La prospettiva e l’illusione della realtà” durante il Seminario *Disegno, modello, rappresentazione digitale*, curato dal prof. Alberto Sdegno presso Università degli Studi di Trieste, Polo universitario di Gorizia.

• **GORIZIA, Chiesa di Sant’Ignazio, 31/07/2015**

Keynote speaker: “Il mirabile disinganno di Christoph Tausch nella chiesa di Sant’Ignazio a Gorizia: restituzione - prospettica e ricostruzione digitale dell’architettura picta” On the feast of St. Ignatius. 700 Hall, St. Ignatius Parish

• **GORIZIA, Università degli Studi di Trieste, 14/01/2014**

Keynote speaker: “Gli affreschi di Villa Barbaro a Maser” at the seminar of Prof. Alberto Sdegno’s Digital Drawing course *Modellazione e rappresentazione avanzata*. Department of Engineering and Architecture, University of Trieste, Gorizia University Pole.

• **TRIESTE, AREA Science Park, 08/01/2013**

Keynote speaker: “Gli affreschi di Villa Barbaro a Maser” at the seminar of Prof. A. Sdegno’s Digital Drawing *Disegno Digitale Sperimentazioni sul disegno. Dalla ricostruzione digitale di architetture alla visualizzazione stereoscopica interattiva*. Department of Engineering and Architecture, University of Trieste, AREA Science Park, Trieste.

Attività e organizzazione di eventi e mostre

• **UDINE, University of Udine, 1-2/12/2023 (in progress).**

Il international conference *DAI - Drawing for Accessibility and Inclusion*, Udine December 1-2, 2023 (in progress). Organizing committee: Alberto Sdegno, Veronica Riavis. Promoting committee: Marco Giorgio Bevilacqua, Cristina Cándito, Enrico Cicalò, Tommaso Empler, Alberto Sdegno. Scientific technical committee member.

• **VICENZA, Palladio Museum, 07/4-09/07/2023 (ongoing).**

Coordination for the realization of restitution and digital models at the exhibition curated by Guido Beltrami, Howard Burns, Arnold Nesselrath, promoted by CISA - Centro Internazionale di Studi Architettura within the initiatives of the National Committee “Raffaello 1520-2020” and “Raffaello. Born an Architect” from April 7 to July 9, 2023, Museo Palladio in Vicenza. Organization Simone Baldissini (CISA Palladio, Vicenza), Scientific organization Alberto Sdegno, Coordination Silvia Masserano and Veronica Riavis, collaboration Camilla Ceretelli, Marco Olivotto, Filippo Orecchia, Alessio Peruggia.

• **UDINE, University of Udine, 03/15-30/04/2023.**

Le Corbusier Digitale exhibition, curated by Alberto Sdegno, Silvia Masserano and Veronica Riavis from 03/15 to 04/30 at the exhibition space scientific-technological pole of Rizzi. Graphic design and communication.

• **UDINE, University of Udine, 13-17/06/2022.**

Member of the organizational secretariat and graphic design of the open conference *Around Palladio / Attorno a Palladio. The drawing of architecture between history and new technologies of representation* and of the PhD Summer school *Around Palladio / Attorno a Palladio. New drawing methodologies for architecture*, organized by the Italian Union for Drawing and the University of Udine, referee prof. A. Sdegno.

• **UDINE, Palazzo Valvason Morpurgo, 05-06; 12-13; 19-20/03/2022.**

Udine Design Week 2022 - Mo(n)di possibili. Representing the University of Udine, immersive reality experiences for the virtual exhibition *Women in Bauhaus*.

• **UDINE, University of Udine, 12/21-22/03/2022.**

Exhibition *Omaggio a Marcello D’Olio*. Geometrie, modelli tattili, realtà virtuale. Curated by Alberto Sdegno and Veronica Riavis, at the exhibition space scientific-technological pole of Rizzi, from 12/21/2021 to 03/21/2022.

• **AQUILEIA (UD) - GORIZIA, University of Trieste, 09/24-28/2018.**

Member of the organizational secretariat of the PhD Summer School *Unione Italiana per il Disegno Rilievo del patrimonio culturale e rappresentazione inclusiva*, organized by Unione Italiana per il Disegno and the University of Trieste, referee prof. Alberto Sdegno.

• **GORIZIA, University of Trieste, 10/01/2018.**

Member of the organizing secretariat of the open conference *Ai confini del disegno. Experiences of virtual models and immersive spaces*, curated by Prof. Alberto Sdegno and held at the University of Trieste’s Gorizia pole.

Scientific society membership

UID – Unione Italiana per il Disegno from 2018.

Scientific journals

Staff editorial board secretariat for the scientific journal ANVUR *Diségno*, ISSN 2533-2899, from n. 8 (2021).

Reviewer activities

Reviewer for ANVUR scientific journals (*Disegnarecon* and *International Journal on Interactive Design and Manufacturing*), contributions in volume (*Publica* and *FrancoAngeli*) e conferences (*DAI - Drawing for Accessibility and Inclusion* and 44th International Conference of Teachers of the Disciplines of Representation).

Organizational and scientific committees

• Member of the technical scientific committee for the international conference *DAI - Design for Accessibility and Inclusion*, Genoa December 2-3, 2022. Organizing committee for the 2nd edition (Udine 1-2 December 2023).

• Member of the scientific committee of the association *Raggie and Archi Tecture – ville di Lignano* (2023).

• Member of the organizational secretariat and graphic design of the open conference *Around Palladio / Attorno a Palladio. Architectural drawing between history and new technologies of representation* and the PhD Summer school *Around Palladio / Attorno a Palladio. New drawing methodologies for architecture*, organized by UID and the University of Udine, referee prof. A. Sdegno. University of Udine, Udine June 13-17, 2022.

• Organizing secretariat of the PhD Summer School *Rilievo del patrimonio culturale e rappresentazione inclusiva*, organized by UID and the University of Trieste, referee prof. A. Sdegno. Aquileia / Gorizia, September 24-28, 2018.

• Organizing secretariat of the open conference *Ai confini del disegno. Experiences of virtual models and immersive spaces*, curated by prof. A. Sdegno held at the Gorizia University Pole of the University of Trieste on January 10, 2018. Science of architecture: supervisor of 4 theses, co-supervisor of 25 theses. Architecture: co-supervisor of 5 theses.

Thesis Publications

Since 2017 author of 26 contributions, a monograph, and a scientific essay in class A.

Udine, 30 may 2023