

Born in Milan in 1965, Classic High School Diploma, he became Architect and Phd in Rilievo e Rappresentazione del Costruito at the University of Naples "Federico II".

Since 1999 he is Researcher (Assistant Professor) at Politecnico di Milano.

From 1999 to 2003 he works at the Department of Conservazione e Storia dell'Architettura, from 2004 to 2010 at the Department of Industrial Design delle Arti della Comunicazione e della Moda. Since January 1st 2011 he is enrolled at the Department of Architettura e Pianificazione, where he is a member of the Department Board.

He teaches Descriptive Geometry and other disciplines related to Graphic representation at the School of Architettura e Società, where since 2011 he is a member of a joint committee of teacher and students for school activities monitoring (Commissione Paritetica). From 2004 to 2010 he has also taught at the Faculty of Design. From 1999 to 2009 he teaches at the post-graduated school SILSIS-MI for secondary school teachers. From 2004 to 2006 he is in the teaching body of the Virtual Prototypes and Real Products Phd.

His research interests concern graphic representation in the architectural design processes, with special regard to the relationships between the scientific and visual disciplinary issues.

His portfolio includes two books, 16 essays on books and one book curatorship, two articles on Rv1b reviews, 33 among essays and articles in conference proceedings, including original drawings and models, besides other essays and articles in press or under review.

He is a reviewer for some scientific reviews and institutions.

He is involved in some Erasmus Programmes and Intensive Programmes for international cooperation in the field of Education.

He takes part in international conferences and scientific meetings organized by national and international Universities.

Since 1999 he is a member of the International Society for Geometry and Graphics (ISGG).

Born in Milan, Italy, 1965

Married

Profession:

Researcher, Department of Architettura e Pianificazione (DIAP – Architecture and Planning),
School of Architettura e Società (Architecture and Society), Politecnico di Milano, Italy

Qualifications:

1984

Classic High School Diploma, Liceo Classico “V.Imbriani”, Pomigliano d’Arco, Naples, Italy

1993

Master’s Degree in Architecture, Faculty of Architecture, University “Federico II” in Naples,
Italy (grade: 110/100 cum laude and printing dignity)

1997

PhD Degree in “Rilievo e Rappresentazione del Costruito”, University “Federico II” in Naples,
Italy (grade: excellent)

1999

Enroled as Assistant Professor at Politecnico di Milano, Italy

Master thesis

Amalfi: la struttura configurativa tra indagine diretta ed elaborazione assistita (1993)

PhD thesis

Spazio prospettico e figurazione plastica. Il rilievo scultoreo nell’opera di Benedetto da
Majano (1997)

Fields of interest in Research

His research interests concern graphic representation in the architectural design processes,
with special regard to the relationships between the scientific and visual disciplinary issues.

Fields of interest in Education

His education interests, focused on the links between teaching and learning, are focused on
the connections between cognitive structures and representative models with refer to the
architectural space

Academic publishing portfolio

His portfolio includes two books, 16 essays on books and one book curatorship, two articles on Rv1b reviews, 33 among essays and articles in conference proceedings, including original drawings and models, besides other essays and articles in press or under review

Professional Background and Activities:

1986-1998

“Undergraduate internal student” (until 1993) Graduate (until 1997), PhD (until 1998)
volunteer teaching assistant for Descriptive Geometry and Graphic Representation courses at the Faculty of Architecture, University “Federico II” in Naples, Italy

1993-1998

Working as an Architect

since 1993

He is involved in several Research Project CNR, MURST, PRIN, promoted at the University of Naples “Federico II” (until 1999) and at the Politecnico di Milano (since 1999) both as an official participant and as an external member.

1996-1998

Lectureship per contract in Graphic Representation for Degree and for Post Graduate Courses at Faculty of Architecture, in Naples

since 1999

Teaching at Faculty of Architettura e Società, and (from 2004 to 2010) also teaching at the Faculty of Design, Politecnico di Milano, Italy

1999-2009

Teaching Body member of the “SILSIS-MI” post graduate school for secondary school teachers, Politecnico di Milano and Università Statale di Milano

2004-2006

Teaching Body member of the PhD in “Virtual Prototype and Real Product”, Politecnico di Milano

2007-2008

Participate in the activities of the division “Cultural Heritage” of the Phd School in “Design”, Politecnico di Milano

since 2007

Member of the evaluation committee “Osservatorio della Didattica”, School of Architettura e Società, Politecnico di Milano, Italy

2007

Is involved as an author in the organization of the “Studio Museo Achille Castiglioni” Exhibition, Triennale di Milano, in Milano

2009-2010

Member of the productivity evaluation committee at the Department of Industrial Design, Arts and Communication (INDACO), Politecnico di Milano

2009-2010

Responsible for the educational strategy in teaching Geometry and Graphics in the field of Interior

2011

Aggregate member and secretary for the State Examinations for professional certification in Architecture

since 2011

Department Board member at the Department of Architettura e Pianificazione (DIAP), Politecnico di Milano

since 2011

Member of the joint committee teachers and students for the activities evaluation (Commissione Paritetica) at the School of Architettura e Società

Promoting Internationalization:

since 1998

Member of the International Society for Geometry and Graphics (ISGG)

2007

Involved as an author in the organization of the "Studio Museo Achille Castiglioni" Exhibition, Triennale di Milano in Tokyo

2008

Member of the International Scientific Committee for the 13th International Conference on Geometry and Graphics (IGCC), held at the Dresden Technische Universität

since 2010

Teaches in the International Bachelor and Master Programs at the School of Architettura e Società

2013

For the the 150th year of activities of Politecnico di Milano he will coordinate an international event focused on the topic "the visual language of technique between science and art: heritage and expectations in research and teaching", including three seminar sessions and exhibitions, respectively devoted to the "History and Epistemology", "Research", "Education" issues. The proposal has been selected by an Academic Committee.

Erasmus Programmes

since 2010

Responsible for an International Erasmus exchange with the Technische Universitaet Kaiserslautern

2012

Responsible for an International Erasmus exchange with the University of Applied Sciences in Detmold

2010-2013

Local coordinator of a triannual Erasmus Intensive Programme titled "Structural Architectures: Geometry Code and Design", together with TU Kaiserslautern (project coordinator), ETH Zurich, Universidad San Pablo CEU Madrid; the first Workshop have been held at the School of Architettura e Società in September 2011

Conference participation - Invited lectures

1998

International Conference - Panel Session (Closing Plenary Session) - "8th International Conference on Engineering Computer Graphics and Descriptive Geometry (ICECGDG)", The University of Texas at Austin, USA, July 31-August 3. Lecture: The Taxonomy of Geometry and Graphics

2006

International Conference - Opening Plenary Session - "12th International Conference on Geometry and Graphics (ICGG)", Salvador de Bahia, Brazil, August 06-10. Lecture: Geometry and Graphics in Spatial Invention: among Mind Hand and Digital Means

2010

International Symposium on "Structural Thinking in Architecture", TU Kaiserslautern, Germany, June 9. Lecture: Geometry in Reloading Structuralism: a Reconfirmed Field?. German title: Eine Bestatigung: Geometrische Ansätze des aktuellen Strukturalismuskurses in der Architektur

Conference participation - Selected lectures

1995

International Meeting - "Giornate di Studio: Scala nel Medioevo", Church of SS. Annunziata, Minuta (Salerno), Italy, October 27-28. Lecture: I borghi di Scala: sito geografico e scenari architettonici. Un'analisi configurativa tra ricerca teorica e salvaguardia ambientale

1996

International Conference - "VI Congreso Internacional de Expresion Grafica Arquitectonica", Pamplona, Spain, May 9-10. Lecture: Architettura e Ambiente: rappresentazione, analisi, prefigurazioni

1998

International Conference - "8th International Conference on Engineering Computer Graphics and Descriptive Geometry (ICECGDG)", The University of Texas at Austin, USA, July 31-August

3. Lecture: Geometry and Perspective Illusionism in Italian Renaissance: Altar of Annunziata in Naples by Benedetto da Majano

1999

National Conference - "Matematica e Architettura", Istituto Italiano per gli Studi filosofici, Naples, Italy, May 13-14. Lecture: La rappresentazione dell'architettura tra espressione proiettiva e linguaggio digitale

2002

National Meeting - "Tra Università e Scuola", organised by SILSIS-MI - Sezione Arte Disegno, Milano, Italy, December 11. Lecture: Quid Docere, Quomodo Docendi

2003

National Seminar - "Lo Sguardo Denigrato. Ruolo dell'osservatore nell'era della Rappresentazione Digitale", IUAV Venezia, Italy, October 30-31. Lecture: Sguardo denigrato... 'visio' rischiarata?

2003

National Conference - "XXV Convegno UID - 25 Anni: vivere per disegnarli", Lerici (La Spezia), Italy, October 9-11. Lecture: In Signis: Tempus Discendi, Tempus Docendi

2003

National Seminar - "L'insegnamento della Geometria Descrittiva nell'era dell'Informatica", Università degli Studi di Roma "La Sapienza", Roma, Italy, May 23-24. Lecture: L'immagine geometrica: declino o rinascita?

2007

International Seminar - "Tempo, forma, immagine dell'architettura. Giornata di studi in onore di Vittorio Ugo", Politecnico di Milano, Milano, Italy, March 12. Lecture: Una luce, intensa e silenziosa, brillava quella tranquilla mattina...

2007

International Seminar - "Idee per la rappresentazione", Università degli Studi di Roma "La Sapienza", Roma, Italy, September 14. Lecture: Rappresentazione: nuovi modi, antica idea

2008

International Conference - "La Geometria tra Didattica e Ricerca", University of Firenze, Firenze, Italy, April 17-19. Lecture: Segnare/Insegnare: questioni di 'stile'. Un manifesto per il rinnovamento della Geometria Descrittiva

2008

International Conference - "13th International Conference on Geometry and Graphics", Dresden TU University, Dresden, Germany, August 03-12. Lecture: In the Light, through the Sight

2010

National Seminar - "Design & Humanities", Politecnico di Milano, Milano, Italy, May 19. Lecture: Sub specie imaginis: nota sulla natura e la funzione del Disegno, fra Design e Humanities

2010

International Conference – “14th International On Geometry and Graphics (ICGG)”, Kyoto University, Kyoto, Japan, August 04-09. Lecture: Behind the Image: Codes and Suggestions Between Eastern and Western Representation

2011

National Seminar – “Idee per la rappresentazione – Trascrizioni”, University of Palermo, Palermo, Italy, March 3. Lecture: “Translation from Drawing to Drawing” o elogio dell'intrascrivibilità

Conference participation – Session chairing

2006

International Conference “12th International Conference on Geometry and Graphics (ICGG)”, Salvador de Bahia, Brazil, August 06-10. Chaired session: Theoretical Graphics

2008

International Conference – “13th International Conference on Geometry and Graphics”, Dresden TU University, Dresden, Germany, August 03-12. Chaired session: Geometry and Art

2010

International Conference – “14th International On Geometry and Graphics (ICGG)”, Kyoto University, Kyoto, Japan, August 04-09. Chaired session: Visualization of spatial composition

Research projects

He has been taking part in research projects concerning geometry, survey, graphics, history of visual representation and graphic education in the fields of architecture, city, landscape and design. Here a list including the related papers

_Formal participation

2003-2005

PRIN. “Codici del disegno di progetto per la rappresentazione del paesaggio”. Related papers: Spazio paesistico: archetipe geometrie, nuove iconografie; and: Tempo dello spazio, spazio del tempo: nuove figuratività paesistiche

2004-2006

PRIN. “Metodologie per la creazione di modelli virtuali 3D per il Disegno Industriale con dati provenienti da ambienti di scansione 3D”

2008-2010

PRIN. “Disegno-Design Mediterraneo. Nuovi modelli per conoscere, tutelare, valorizzare e comunicare i paesaggi italiani”. Related paper: Accezioni mediterranee: paesaggio design disegno

_Collaboration

1993-94

Progetto bilaterale Italia-Spagna, CNR co-funded, focused on the “Catalan Architecture”.
Related paper: Orditi spaziali fra misura e segno

1994

“Studio della concezione strutturale e tecnologica dei manufatti campione area meridionale”,
co-funded by Ministero per i Beni Culturali e Ambientali ed Università. Related papers: Il
rilievo del complesso conventuale di San Severo alla Sanità in Napoli (with V. Tempone); Il
convento di San Severo alla Sanità: geometria e vulnerabilità della configurazione (with Anna
Sgrosso)

2003-2005

PRIN. “Design e comunicazione visiva nella cultura mediterranea”. Related paper: 1945-1965.
Dell'ultimo Dopoguerra. Caratteri italici e design mediterraneo.

2004-2006

MIUR-PRIN. dCult: il design per la valorizzazione dei beni culturali,. Related paper: Il disegno
–‘analogico’- nello Studio Museo Castiglioni: tra spazio, oggetti, memoria e suggestioni.
Related activities: Original drawings and exhibition project for Triennale di Milano, in Milano
and in Tokyo.

Teaching activity – English track - School of Architettura e Società (Politecnico di Milano)

_Master Courses

Geometrical Complements of Graphic Representation (4ECTS - proposed and taught since
2010)

_Bachelor Courses

Architettura Representation Studio (12 ECTS), including ‘Architectural Basic Drawing’
(8ECTS), and ‘Architectural and Urban Modelling’ (4ECTS)

Architectural Drawing (2ECTS), included in the Thematic studio titled ‘The architecture of the
square’ (12ECTS)

Teaching activity – complete list since 1986

_Post graduate Seminars

at Università di Napoli “Federico II”
“Disegno automatico” (1999 - School of Disegno Industriale)

at Politecnico di Milano

“Paesaggio: identità architettonica e rappresentazione, fra arte, geografia, filosofia, diritto”
(2005 – Master: Sistemi museali nel territorio per la conservazione e la valorizzazione dei
patrimoni diffusi)

_Master Seminars

at Politecnico di Milano

“Geometria delle configurazioni voltate nell’opera di Philibert De L’Orme” (2000)

at TU Kaiserslautern

“Linear Perspective: Sight, Figure, Measure” (2010)

_Bachelor Seminars

at Università di Napoli “Federico II”

exercises of “Disegno e rilievo” (1986-1993) and of “Applicazioni di geometria descrittiva” (1987-1993), as an undergraduate internal student

at Università di Napoli “Federico II”

seminars of “Applicazioni di geometria descrittiva” and of “Fondamenti e applicazioni di geometria descrittiva” (1993-1997) as a Master graduate

at Università di Napoli “Federico II”

seminars of “Applicazioni di geometria descrittiva” and of “Fondamenti e applicazioni di geometria descrittiva” (1997-1999) as a PhD graduate

at Politecnico di Milano

seminars of “Teoria e storia dei metodi di rappresentazione”, “Fondamenti e applicazioni di geometria descrittiva”, “Rilievo dell’architettura” (1999/2000)

at University of Padova

“Paesaggio: sguardo, forma, immagine” (2002)

at Politecnico di Milano

invited speaker at the seminar “Cile: le voci dell’architettura” (2005)

at IUAV Venezia

“Spazi proiettivi e prospettiva solida. Il teatro, l’architettura, la città” (2007)

_Postgraduate courses-PhD 'Virtual Prototype and Real Product'-Politecnico di Milano

Fondamenti Proiettivi della Rappresentazione (promoted and taught - 2005/2006)

_Postgraduate courses-“SILSIS-MI” School in Milano

Fondamenti e applicazioni di geometria descrittiva 1 (1999-2004)

Fondamenti e applicazioni di geometria descrittiva 2 (2001-2005)

Laboratorio integrato di sintesi area della rappresentazione (2001-2004)

Fondamenti proiettivi della rappresentazione grafica e fotografica (promoted and taught 2003/2004)

Rappresentazione geometrica (promoted and taught - 2006-2008)

_Master courses-School of Architettura e Società (Politecnico di Milano)

Member of the teaching staff of the laboratory for graduating students: “Innovazione dei metodi di rappresentazione alla scala ambientale, con attenzione alle tematiche dei beni culturali e paesaggistici” (2004/2005)

Co-responsible for the laboratory for graduating students “Modelli configurativi e sistemi strutturali” (2004-2007)

Geometrical Complements of Graphic Representation (promoted and taught – since 2010)

_Bachelor Courses–School of Architettura (Università di Napoli “Federico II”)

Tecniche della rappresentazione (1996-1999)

_Bachelor Courses–School of Architettura e Società (Politecnico di Milano)

Fondamenti e applicazioni di geometria descrittiva (2000/2001)

Rappresentazione 1, including Fondamenti e applicazioni di geometria descrittiva and Rilievo dell’architettura (2000-2004)

Rilievo urbano e ambientale (2001-2003)

Tecniche della rappresentazione (2002/2003)

Rappresentazione 2, including Rilievo urbano e ambientale and Tecniche della rappresentazione (2003/2004)

Rappresentazione 1, including Fondamenti geometrici della rappresentazione (proposed and taught) and Rilievo dell’architettura (2004-2006)

Disegno, included in the thematic studio titled: La conoscenza dell’architettura e dei luoghi: storia, misura e rappresentazione (since 2008)

Disegno, included in the thematic studio titled: Terme e architettura (2008-2010)

Disegno, included in the thematic studio titled: L’architettura della Piazza. Progetti tecnologie strategie per una moderna cultura dello spazio pubblico (2010/2011)

Architectural Drawing, included in the thematic studio: The architecture of the square (since 2011)

Architectural representation studio, including Architectural basic drawing and Architectural and urban modeling (since 2010)

_Bachelor Courses–School of Design (Politecnico di Milano)

Laboratorio integrato del disegno (2004-2010 – coordinator and teacher)

Introductory courses for freshmen (OFA) – School of Design (Politecnico di Milano)

Disegno (2004-2010) – teachers coordinator for the years 2008-2010

_Theses supervision-Bachelor, Master, SILSIS-MI (Post Graduate School)

he has been supervising about 60 among master and bachelor theses focused on architecture and architectural representation for Politecnico di Milano, and about 20 post-graduate theses focused on geometric representation and on the history of projective and descriptive geometry for the SILSIS_MI School.

Other activities – organizing meetings, exhibitions, events

2004

Tékhne & Graphé. Students' work exhibition and round table. Course: Tecniche della Rappresentazione (2002/2003). June 21-July 9. School of Architettura e Società.

2004/2005

Métron & Graphé - Misura, Proiezione, Segno – 'Spazi Voltati'. Students' work exhibition and round table. Course: Rappresentazione 1. June 30 - July 23. School of Architettura e Società

2004/2005

Drawing Design - Gas Stations. Students' work exhibition and round table. Course: Laboratorio Integrato del Disegno June 1-17. School of Design

2004/2005

Twin Lessons, couples of seminars for the Schools of Architettura e Società (course: Rappresentazione 1) and Design (course: Laboratorio Integrato del Disegno). Seminars and students' work exhibition

I cycle

Naturaleza Artificial, 22.09.2004, School of Architettura e Società

Forma Minima, 23.09.2004, School of Design

II cycle

Petrol stations: memoria e oblio, 15.12.2004, School of Architettura e Società

Petrol sations: oggetto ed epopea, 23.09.2004 School of Design

III ciclo

Nel segno: lo spazio in proiezione, 12.01.2005, School of Architettura e Società

Del segno: la forma e l'immagine, 13.01.2005, School of Design

2005/2006

Architettura incontra ATM - Esperienze didattiche di rappresentazione. Students' work exhibition and round table. Course: Rappresentazione 1. June 22-30. School of Architettura e Società