

dr Matteo Frascini

Architect

MSc(Arch) - Phd Arch and Urban design Polimi - Milan

Curriculum Vitae

In the course of my professional career, I have always combined the design practice with that of research and I have considered teaching a fundamental opportunity for discussion, debate and sharing of ideas about the city, its space and those who live there.

Along this trajectory design has been an opportunity to verify an idea of space that faces problems, needs and aspirations of the complex contemporary society. Research has always been a way to establish a dialogue and a chance to learn from other experiences.

From this perspective, the relationship between architecture and context is an essential element in defining the qualities of the built environment: the urban scale, its anthropic, cultural and geographical characteristics have always played a fundamental role in structuring a design trajectory.

In more than 10 years of academic and professional practice in Italy, I have been able to study and deepen these concepts working as adjunct professor at the School of Architecture of the Politecnico di Milano, winning and being awarded with special mentions in architectural and urban design competitions. In that period I've had the opportunity to travel, organise seminars and workshops in many international universities.

I, nevertheless, felt the need to test myself in a different context and I moved to South Africa where I served as Senior Lecturer at the School of Architecture Planning and Geomatics of the University of Cape Town.

In the book Design/Disegno, Geometry Measure and Algorithm for architecture and the city, Ed Maggioli, (2018), I present a design method that uses digital and parametric technologies as a design tool for "dynamic" control of formal characters. I propose a virtual dialogue between the "revolution" that the discovery of perspective meant in terms of design process and contemporary design, focusing my attention on selected architects that are studied to highlight specific design issues. The key elements of this dialogue are mathematics and geometry as tools able to make a form readable, measurable, modifiable and thus designable. The dissertation, which is a reflection and an update of my Ph.D. Thesis, develops the relationship between abstract and concrete, visual and tactile, discrete and infinitesimal, the scene and the stage, as essential aspects of contemporary design.

In the conclusions I extend this method, as a still partially open question, to the urban and territorial dimension. I think it is possible and useful to combine the typological and geographical characteristics of a built environment as a driver for sustainable design. To do this, parametric design can be a useful tool to decode this complex data system. In the autumn of 2018, I moved to West Bank where I have been involved in international cooperation projects for the implementation of social spaces in a refugee camp and where I have continued my researches.

At the beginning of 2020 I got back to Milan and I'm serving as adjunct professor at the school of Architecture of the Politecnico di Milano (A.A. 2020-2021)

The following pages aim to explain in detail my research trajectory and its interconnection with teaching activity and professional practice.

autorizzo il Politecnico di Milano a pubblicare il presente curriculum sul sito WEB di Ateneo, ai fini istituzionali e in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 "Decreto trasparenza" come modificato dal D. Lgs. 97 del 2016

Matteo Frascini



Contents

Curriculum Vitae - Summary Statement	4
Education	6
Teaching Activities	6
Publications	9
Seminars, Lectures, Conferences	10
Other Research Activities	10
Awards and Mentions in International Design Competitions:	11
Other International Design Competitions (Selection)	11
Professional Practice: List of main works	12
Exhibitions	13
Other Skills	12
Referees	13

Curriculum Vitae - Summary Statement

1996-2001

During the years of study at the Faculty of Architecture of the Polytechnic of Milan (Now school of Architecture, Urban Planning and Construction Engineering) MF focuses on the research paths and interests that will frame the professional and academic profile. They are, in particular, the interest in the interconnection between the scales of a metropolitan territory, the relationship between representation and design processes and more generally the theories and techniques of architectural design.

The Erasmus study period at the Sint Lucas Institute in Brussels (1998-99) permitted MF to familiarize with an international environment and with projects that would have had an important impact in the following years. In particular, the study of Dutch architecture, from Berlage, to Team 10 / Structuralism up to the most recent designers (Rem Koolhaas in particular).

This experience was certainly an impetus for winning the university competition "Coceras de Metro de Quatro Caminos - Madrid" (with Stefano Melgrati) thanks to which he received a scholarship for a period of study at ETSAM - Madrid. The project concerned the relationship between architecture, infrastructure and the city and addressed, for the time, innovative aspects in relation to 3D design in a virtual environment.

The project was presented as a MArch dissertation (score 98/100 - April 2001) and its key elements were fundamental for accessing the Ph.D School in Architectural and Urban Design at Polimi. MF acquired the qualification for the profession of Architect, in the autumn of the same year.

2002-2008

After graduation, during the Military service MF started tutoring in architectural design studios at the Milan Polytechnic and, once the draft was over, the professional activity as free-lance architect. In 2003 MF was admitted to attend the Ph.D. Programme in Urban And Architectural Design • 18Th Cycle . The personal research path of those years was enriched by some particularly significant experiences such as a series of seminars offered to students of the PhD school on the relationship between architecture, infrastructure and landscape and on the relationship between contemporary art and architecture. MF joined the research group MSLAB (Measure and Scale of the contemporary city) coordinated by Prof Ernesto d'Alfonso and subsequently by Prof. Antonella Contin with whom, over the years he will collaborate on a regular basis.

In particular, as a member of this group, MF worked on the design of the urban expansion plan for Segovia_Las Las-tras and gave his contribution to several publications. As a part of the Ph.D. Programme an important period of study and research was carried out at the New York Institute of Technology (2005).

From 2004 MF serves as contract (adjunct) professor at the Polytechnic of Milan collaborating with Prof. Antonella Contin. In these years the first itinerant workshops are offered to students in collaboration with international academic institutes. (Madrid, Istanbul, Sevilla, Cairo, New York ...)

In 2005 the Municipality of Milan awarded him with a scholarship to support the Ph.D. Research.

During these years MF co-supervised several MArch final Dissertations. Specifically, he run an intensive workshop for students in preparation for their final project. In this context, in collaboration with others and with the University of Insubria, and inspired by the research of Frei Otto, the research group developed a software for the definition and heuristic optimization of spatial catenaries. The results of this experimentation was presented in international conferences and published in academic journals. The theoretical and technical issues that emerged in this context will be fundamental for the definition of the Ph.D. thesis which will be discussed with honours in 2007. *Thesis title: Contemporary Architectural Designing Methods: Manual and Virtual Modeling. Geometrical Techniques of Shape Control.*

The thesis perfects the body of research developed up to that moment and identifies specific paths for the future. In particular, the importance of mathematics and geometry as tools for mental measurement of form throughout the design process, the relationship between the tactile, the visual and the abstract dimension, and the dialogue between the scales of the contemporary metropolis where topography, urban fabrics and networks play a fundamental role.

Alongside the research activity, MF has been gaining professional experience working on projects at different scales, alone or in collaboration with others, and participating in several design competitions.

2009-2013

The professional practice continues to support teaching and research. MF develops projects at different scales dealing with exhibition, interior design, renovation of buildings in historical contexts, development plans and landscape/public spaces design.

In these years, a close collaboration with the municipality of Segrate has resulted in the design and realization of the museum/exhibition of the city's history and in the consequent publication which collected the results of thorough research of historical documents.

The intense participation in international design competitions receives several awards. The topics addressed in these contests are almost always inherent to academic research, representing in some way and opportunity for verification

and a motivation for further progress. In particular, the first prize for the design of the promenade of the Ravenna waterfront and the special mention for EUROPAN 2013 are highlighted.

The teaching activity at the Politecnico di Milano continues both within the Architectural design studios and as the lecturer in charge of the course: "Contemporary architectural design Methods". Here the key concepts developed during the doctorate have been tested and verified in a didactic framework. The course, crafted for the last year of the MArch, combined theory and practice and invited the student to a critical reflection on architectural design as a logical, technical and artistic process.

In the same years, in collaboration with Prof. Contin, an interesting format for studio design workshops was developed thus allowing to strengthen international relations with several universities. The outcome of these experiences was published as monographs and in: Contin, Antonella, ed. *Questo, Metropolitan Architecture*. Bologna: Maggioli Editore, 2015.

In these years MF is supervisor of more than 20 final dissertations (including Bachelor and Masters Degree).

He founded, in collaboration with others and under the supervision of prof. Ernesto d'Alfonso the web magazine Arcduccittà (www.arcduccitta.it), with the aim of promoting the debate on architecture and design. Since then he is part of the editorial staff.

2014 - 2020

In the summer of 2013 MF was selected for the position of Senior Lecturer at the School of Architecture, Planning and Geomatics of the University of Cape Town. During this period he devoted himself mainly to teaching and research. The South African environment is rich in stimuli with particular regard to the relationship between society and urban space. In this new context MF teaches in the Bachelor of architectural studies, in the MArch (prof), in the Master of Urban design and in that of Landscape Architecture.

He teaches studio design and theory and history of architecture and urban design. For two years he supervises the students in the definition and development of the final dissertation (March Prof) while in the last year and a half he has dealt with the Master in Urban Design.

He also taught digital representation techniques to first-year students. This latter experience is a direct reflection of the research developed from the PhD thesis with particular regard to parametric design.

Over the years in Cape Town, MF consolidates, reorganizes, updates, and broadens the topics underlying the doctoral thesis. The outcome of this work is the book: *Design Disegno - Geometry, Measure and Algorithm for Architecture and the City*. Politecnica. Santarcangelo di Romagna (RN): Maggioli Editore, 2018.

The reflections covered in the book frame parametric design in the wake of humanistic culture (symbolic form). In this context, a design method is proposed that finds a dialogue between the tactile, the visual, and the abstract (geometric) dimension for the design of contemporary space.

Once this experience was completed, MF moved to the Middle East and between the autumn of 2018 and the beginning of 2020 he has lived between Ramallah and Jerusalem. After the curation of the digital edition of the book *Design-Disegno*, He had the opportunity to contribute to an urban regeneration project for a Palestinian refugee camp. The project was founded by EU and implemented by an Italian NGO. During this period he deepened his research on design techniques and participate in design competitions (Rome Olympic village: project selected for the second phase).

Back to Milan in the beginning of 2020 MF teaches as Adjunct Professor at the School of Architecture of the Politecnico di Milano (from A.A. 2020-2021)

Matteo Fraschini

Education

2007 Ph.D Thesis:

Fraschini, Matteo. "I Procedimenti Della Progettazione Architettonica Contemporanea: Modellazione Manuale, Modellazione Virtuale. Tecniche Di Controllo Geometrico Della Forma E Disegno Digitale. (Contemporary Architectural Designing Methods: Manual and Virtual Modeling. Geometrical Techniques of Shape Control)." Ph.D dissertation, Politecnico di Milano. (with honours)

2001 M.Arch Final Dissertation:

Fraschini, Matteo and Stefano Melgrati. "Concorso Universitario Madrid-Milano: Cocheras De Metro De Cuatro Caminos. ." Master of Science in Architecture, Politecnico di Milano. (mark: 98/100)

2006: Research scholarship from Milan Municipality,

2005: New York Institute of Technology, PHD Internship program.

2002: Licensed, Board of Architects, Landscape and Urban Planners, Italy. Ordine degli Architetti Paesaggisti Conservatori e Pianificatori di Milano (n.13303)

2001: Thesis scholarship at ETSAM (Madrid)

1998-99: Erasmus program, Sint Lucas University, Bruxelles.

1995: Diploma di Maturità Scientifica (Secondary school)

Teaching Activities

2020 - ... : Adjunct Professor - Department of Architecture and Urban Studies (DASTU) - Politecnico di Milano

2020-21: Architecture And Architectural Composition Laboratory XI - Arc. Urb. Ing. Cos. (Master of Science degree)

(LC) Building Engineering/Architecture

2013 - 2018: Senior Lecturer, University of Cape Town, School of Architecture, Planning & Geomatics:

•Courses:

2018: Urban Design Studio - Master of Urban Design - (1st Semester) - 70 teaching hrs per semester

2018: Theories of Urban Design - Master of Urban Design - (1st Semester) - 10 teaching hrs per semester

2018: Urban Design Representation - Master of Urban Design - (1st Semester) - 10 teaching hrs per semester

2018: Research Methods for Urban Design - Master of Urban Design - (1st Semester) - 10 teaching hrs per semester

2018: Representation Methods - Bachelor of Architectural Studies (BAS 1st year) (1st Semester - 2nd quarter) - 48 teaching hrs per semester

2017: Urban Design Studio - Master of Urban Design - (1st and 2nd Semester) - 70 teaching hrs per semester

2017: Theories of Urban Design - Master of Urban Design - (1st Semester) - 10 teaching hrs per semester

2017: Urban Design Representation - Master of Urban Design - (1st Semester) - 10 teaching hrs per semester

2017: Research Methods for Urban Design - Master of Urban Design - (1st Semester) - 10 teaching hrs per semester

2017: Representation Methods - Bachelor of Architectural Studies (BAS 1st year) (1st Semester - 2nd quarter) - 48 teaching hrs per semester

2017: Architectural Design Studio - Bachelor of Architectural Studies (BAS 2nd and 3rd year - "vertical") (2nd Semester - 1st quarter) - 60 teaching hrs per semester

2016: Dissertation Design - Master of Architecture (Professional) - (1st and 2nd Semester) - 96 teaching hrs per semester

2016: Theory and Technology Studies - Master of Architecture (Professional) - (1st and 2nd Semester) - 40 teaching hrs per semester

2016: Advanced History & Theory of Architecture - Bachelor of Architectural Studies (Honours) - (1st Semester) - 10 teaching hrs per semester

2015: Dissertation Design - Master of Architecture (Professional) - (1st and 2nd Semester) - 96 teaching hrs per semester

2015: Theory and Technology Studies - Master of Architecture (Professional) - (1st and 2nd Semester) - 40 teaching

hrs per semester

2015: Advanced History & Theory of Architecture - Bachelor of Architectural Studies (Honours) - (1st Semester) - 10 teaching hrs per semester

2014: Design & Theory Studio III - Bachelor of Architectural Studies - (1st and 2nd Semester) - 96 teaching hrs per semester

2014: Advanced History & Theory of Architecture - Bachelor of Architectural Studies (Honours) - (1st Semester) - 10 teaching hrs per semester

•Supervised M Arch (prof) Final Dissertations:

2015:

Sebastian Rolando: "Between Nature and Culture: A Stone Masonry School and Walking Path at the Strand Street Quarry"

Timo Smit: "Cosmic architectural topography in the desolate Karoo

Suaad Patel: "The Illusion of Time"

Paramasiven Veeramundar: "Urban Metabolism: Rethinking of Densification and Multi-use building in the city."

Mabasa Mashazhu: "WasteFarm"

Christos Simos: "Place of the Artisan"

2016:

Jason Allan Chokupermall: "Re-Connecting...A Redevelopment of the Wynberg Precinct"

Kristi Badenhorst: "Speeds Of Life, The Effects Of Movement On Society, The City And The Future"

Tawanda Madzingaidzo: "Inclusive Urban Centres"

Kenneth Main: "Urban Acupuncture, Architecture as a catalyst for environmental and water conservation in the context of the Kilimanjaro Informal Settlement"

Vincent Richter: "Trojan Horses: Subverting The Role Of Wastewater Treatment - Producing Food And Fuel For The City Of Cape Town"

Ted Saczek: "Over Growth: A Metabolic Densification of Cape Town"

Wesley Samouilhan: "Form follows climate Reinterpreting a post-productive landscape through vernacular & passive design principles"

Jochen Schmidt von Wühlisch: "(Re)Programming - Typologies of Public Infrastructure to serve as a Tool for Cultural Evolution: A Re-imagination of the Cape Town Station"

•Extracurricular Teaching Activities

2017: Scientific and didactic organization - Workshop and Fieldtrip to Kamplala (Uganda) with Julian Raxworthy. For the students of the Master in Urban Design and in Landscape Architecture.

2016: Rhino Grasshopper Intensive workshop for Master Students (2nd Semester - 1st quarter) 12 teaching hrs

2014: 3rd International Summer School "a Flying Classroom", Lake Constance : Sao Paulo: Cape Town 2. - 23. August 2014

With Prof.MyriamGautschi Alyssa Rau Faculty of Architecture and Design Hochschule Konstanz, Prof.AnáliaAmorim, MairaFriosEsola da Ciaded, São Paulo SP, Brazil, Stella Papanicolaou, Albertum Crowder, School of Architecture, Planning&Geomatics.

2015 - 17: External Examiner: Theory and Design Studio BAS2 - University of Free State (Bloemfontein)

2014 - 15: External Examiner: Advanced History and Theory of Architecture - University Pretoria

2004-2013 Adjunct Professor - Department of Architecture and Urban Studies (DASTU) - Politecnico di Milano

•Courses

2012/2013: I.C. Contemporary Architectural Design Methods: Studies On Contemporary Architectural Typologies - Master of Architecture (Professional) - (2nd Semester) 48 teaching hrs

2011/2012: I.C. Contemporary Architectural Design Methods: Studies On Contemporary Architectural Typologies - Master of Architecture (Professional) - (2nd Semester) 48 teaching hrs

2010/2011: I.C. Contemporary Architectural Design Methods: Studies On Contemporary Architectural Typologies - Master of Architecture (Professional) - (2nd Semester) 48 teaching hrs

2010/2011: Architectural Design Studio: Architettura Degli Interni (Interior Architecture) - Bachelor of Science (Architecture) 1st Semester - 40 Teaching hrs

2009/2010: Architectural Design Studio: Architettura Degli Interni (Interior Architecture) - Bachelor of Science (Architecture)1st Semester - 40 Teaching hrs

2008/2009: Architectural Design Studio: Architettura Degli Interni (Interior Architecture) - Bachelor of Science (Architecture) 1st Semester - 40 Teaching hrs

2007/2008: Architectural Design Studio: Caratteri Tipologici Degli Edifici (Typological Characters of Buildings) - Bachelor of Science (Architecture) 1st Semester - 40 Teaching hrs
2006/2007: Architectural Design Studio: Caratteri Tipologici Degli Edifici (Typological Characters of Buildings) - Bachelor of Science (Architecture) 1st Semester - 40 Teaching hrs
2005/2006: Architectural Design Studio: Caratteri Tipologici Degli Edifici (Typological Characters of Buildings) - Bachelor of Science (Architecture) 1st Semester - 40 Teaching hrs
2004/2005: Architectural Design Studio: Caratteri Tipologici Degli Edifici (Typological Characters of Buildings) - Bachelor of Science (Architecture) 1st Semester - 40 Teaching hrs

• Supervised M Arch (prof) Final Dissertations:

2013:

Wei, Ke Huan. "Archeologia storia e natura nella capitale della Dinastia Song del Sud." [Archaeology, history and nature in the capital of the South Song dynasty].

Marina Serratine Paulo: "Linking Environments"

2012:

Nicolo' Pini: "Un Nuovo Terminal per Tianjin"

Adriana Yong Velasco: "The Donana Landscape Via"

2008:

Antonio di Franco, Pietro Passerini: "Mllano Montecity Rogoredo"

2006:

Matteo Graziani: "La revisione della memoria, Esperimento di procedimento progettuale" (as Co-Supervisor)

Marco Cossi, Davide Damiano, Erica Fossati: "Un nuovo nucleo infrastrutturale nella Milano policentrica Progetto del nodo di interscambio per l'Alta Velocità" (as Co-Supervisor)

2005:

Russi, Monica; Scaringella, Sara: "Montecity-Rogoredo : una nuova porta per Milano" (as Co-Supervisor)

Natale, Luana Paola Emilia Previtali, Clara: "Un polo di interscambio per Milano Olimpica" (as Co-Supervisor)

• Supervised Bachelor of Science (architecture) Final Dissertations:

2009:

Santoro Laura: "Un Dialogo Fra Lo Spazio, La Meta E Il Percorso: Ipotesi Progettuale Al Parco Agricolo Sud, Milano"

2010:

Di Vicino Valeria Fasoli Camilla: "Istanbul - Yenikapi" Riflessioni, Verifiche E Comparazioni Sullo Stawto Attuale Del Patrimonio Unesco"

Pini Niccolò: "Lo Spazio È La Società Stessa: I Grattacieli Dal Basamento Alla Pelle"

Bianca Procino: "Daniel Libeskind _ Indagine Sui Riferimenti Artistici E Culturali Che Definiscono Il Concept E La Metodologia Progettuale. Riflessioni Critiche Ed Esempi."

Medina Zambrano Fiorella Nataly: "Comparazione, Indagine Su Selezione Megalopoli Della America Latina"

Elisa Riviera: "Le Olimpiadi Moderne Come Pretesto Di Sviluppo Urbano E Riferimento Nell'architettura Delle Grandi Strutture. Comparazione Tra Casi Paradigmatici Nei Confronti Di Londra 2012."

2011:

Eidani Asl Nastaran: "Lo Spazio Termale Come Eterotopia Dell'illusione"

Selo Luisa: "Through The Sprawl"

Grassenis Viola, Gervasoni Marta: "Architettura Come Montaggio"

Trebicka Flavia: "Manhattan Block: L'isolato Urbano Come Misura Delle Differenti Scale Della Metropoli"

Selva Caterina: "La Casbah Come Modello Nel Progetto Contemporaneo. "

2012:

Palazzo Roberta: "Dall'appartenenza Alla Modificazione Del Territorio: La Land Art Come Strumento Di Ricerca Per La Progettazione Applicata Al Suolo"

Milani Anna: "Strumenti Di Lettura Per Le Città Informali Sub-sahariane"

Ferrari Angelica: "Il Paesaggio Alla Scala Della Metropoli: La Pratica Artistica Come Strumento Di Lettura, Interpretazione E Modificazione"

2013:

Taghiani Leila: "Sustainability And Typology: Wind And Water As Dynamic Elements Of Space"

• Extracurricular Teaching Activities

2013: Scientific and didactic organization International Workshop_ Metabolism of a city - Red Hook, Brooklyn, International exchange program Ney York Institute of technology, Politecnico di Milano, Spring 2013 20-30 april 2013 with Proff. Antonella Contin (polimi) , Grahame Shane (Columbia), Giovanni Santamaria (NYIT), Ed Wall (Kingston London)

2012: Scientific and didactic organization International Workshop; CAIRO ARD AL-LIWA, New Centrality, Workshop / Cairo, Cairo University 1/10 november 2012; Antonella Contin, Matteo Frascini, Paolo Patelli.

2011: Scientific and didactic organization Workshop: Sevilla – Doñana_ Out of the City, 17/26 November 2011, Antonella Contin, Matteo Frascini, Michele Moreno, (Politecnico di Milano); Domingo Sanchez (ETSA Sevilla), Ed Wall (Kingston Univ. London), Daniel Zarza, (Univ. De Alcalà.)

2009: International Workshop (Invited tutor): Rehabilitation of the urban edge and the sustainability of the identity”, San Fernando, Cadice (Spagna) 3/11 september 2009. Antonella Contin, Matteo Frascini, Michele Moreno, Ernesto d’Alfonso (Polimi), Domingo Sanchez (ETSA Sevilla), Ed Wall (Kingston Univ. London), D- Grahame Shane (Columbia Univ. NY), ITU Istanbul, Daniel Zarza, (Univ. De Alcalà.)

2006-2008: Workshops and visits: Istanbul_ Yenikapi, with Antonella Contin, Michele Moreno, (Polimi); Yuksel Demir, ITU Istanbul technical University Mardin, with Antonella Contin, Michele Moreno, (Polimi); Yuksel Demir, ITU Istanbul technical University

2004 - 2007: Intensive Training Workshop for M.Arch Students: “Coprire un Ettaro” [One Hectare Structure]. Organization and Tutoring for design workshops in preparation of the M.Arch. Final Dissertation.

2006-2013 Member of Final Dissertation Commission

Publications

Fraschini, Matteo and Julian Raxworthy. “Territories Made by Measure: The Parametric as a Way of Teaching Urban Design Theory.” *Architecture at the Age of Disruptive Technologies*. Edited by Sherif Abdelmohsen, Tamer El-Khouly, Zaki Mallasi, and Amar Bennadji. The American University in Cairo. Cairo, Egypt: ASCAAD 2021, 2021.

Web article: Frascini, Matteo. “Interview: Theory, Practice and Teaching.” *Arcduecittà*, 6 (2019): 12-15.

Book (monograph): *Fraschini, Matteo. Design Disegno - Geometry, Measure and Algorithm for Architecture and the City*. Politecnica. Santarcangelo di Romagna (RN): Maggioli Editore, 2018. (Link)

Chapter in a Book: Frascini, Matteo. “Designing between Scales.” In *Questo, Metropolitan Architecture*, edited by Antonella Contin, Politecnica, 126-38. Santarcangelo di Romagna: Maggioli Editore, 2015. (Link)

Fraschini, Matteo. “Match Boxes.” In *The Adaptable City, European 12 Results*, vol 12: European, 2014.

Chapter in a Book: Frascini, Matteo. “Experiments between Landscape and Urban Design in the Net City.” In *Donana out of the City*, edited by Antonella Contin, Matteo Frascini, and Michele Moreno, 99-103. Santarcangelo di Romagna: Maggioli Editore, 2012. (Link)

Book: Frascini, Marco and Matteo Frascini. *Museo Cascina Ovi, Archivio Storico Di Segrate*. Vol. [Museum and Exhibition Catalogue]. Segrate: Comune di Segrate, 2011.

Journal Article: Frascini, Matteo, Matteo Lo Prete, and Nicola Laurino. “Advanced Architectural Workshop: Implementing Structural Logics into a Design Process for Large Scale Lightweight Coverings.” *Journal Of The International Association For Shell And Spatial Structures*, no. 51 (2010): 137-46. (Link)

Conference proceeding: Frascini, Matteo, Matteo Lo Prete, P. Brivio, G. Femia, M. Macchi, and M. Tarini. Lightweight Structures Modeling through a Physical Simulation Software. *Innovative Design and Construction Technologies*. Edited by Ingrid Paoletti. Rimini: Maggioli, 2009. (Link)

Chapter in a Book: Frascini, Matteo and Carlos Dall’Asta. “Nyc Dock.” In *New York-Milano. Disegno Della Città Per La Regione Urbana*, edited by Giovanni Santamaria, 99-101. Florence: Alinea Editrice, 2007.

Chapter in a Book: Frascini, Matteo. “Aereo/Treno/Automobile: L’aerostazione Nodo a Differenti Scale.” In *Milano_ Malpensa. La Regione Urbana Nello Spazio Dei Flussi*, edited by Ernesto d’Alfonso. Florence: Alinea Editrice, 2006.

Chapter in a Book: Frascini, Matteo, Chiara Donisi, and Marta Malini. “El Proyecto Como Metáfora Posible Para Una Nueva Conexión Entre Lugares.” In *Segovia. Los Altos De Las Lastras*, edited by Antonella Contin, 47-61. Milan: A&P Editing, 2004.

Web Articles:

Fraschini, Matteo. "Contemporanee Figure Di Spazio Architettonico/Urbano ([Http://Www.Arcduecitta.It/2012/07/Contemporanee-Figure-Di-Spazio-Architettonicheurbano-Di-Matteo-Fraschini/](http://www.arcduecitta.it/2012/07/Contemporanee-Figure-Di-Spazio-Architettonicheurbano-Di-Matteo-Fraschini/))." arcduecitta.it 2018, may (2010).

Fraschini, Matteo. "Figure Abitate - Inhabited Figures ([Http://Www.Arcduecitta.It/World/2011/07/Inhabited-Figures/](http://www.arcduecitta.it/World/2011/07/Inhabited-Figures/))." Frascini, Matteo. "Identità E Riconoscibilità Nello Spazio Dei Flussi ([Http://Www.Arcduecitta.It/2012/10/Identità-E-Riconoscibilità-Nello-Spazio-Dei-Flussi-Matteo-Fraschini/](http://www.arcduecitta.it/2012/10/Identità-E-Riconoscibilità-Nello-Spazio-Dei-Flussi-Matteo-Fraschini/))." arcduecitta.it 2018, may (2011).

Fraschini, Matteo. "Riferimenti Figure Pattern. ([Http://Www.Arcduecitta.It/2013/02/Riferimenti-Figure-Pattern-Matteo-Fraschini/](http://www.arcduecitta.it/2013/02/Riferimenti-Figure-Pattern-Matteo-Fraschini/))." arcduecitta.it 2018, may (2012).

Fraschini, Matteo. "Cairo Ard Al-Liwa. New Centrality. A Model of Mslab Teaching Activity between Consolidated Research Lines and Further Openings. ([Http://Www.Arcduecitta.It/World/Cairo-Ard-Al-Liwa-New-Centrality-a-Model-of-Mslab-Teaching-Activity-between-Consolidated-Research-Lines-and-Further-Openings-Matteo-Fraschini/](http://www.arcduecitta.it/World/Cairo-Ard-Al-Liwa-New-Centrality-a-Model-of-Mslab-Teaching-Activity-between-Consolidated-Research-Lines-and-Further-Openings-Matteo-Fraschini/))." arcduecitta.it (2013):

Seminars, Lectures, Conferences

2021 Conference: Frascini, Matteo and Julian Raxworthy. "Territories Made by Measure: The Parametric as a Way of Teaching Urban Design Theory. Architecture at the Age of Disruptive Technologies". The American University in Cairo Cairo, Egypt: ASCAAD 2021.

2019 Lecture: Design Process: Digital and Manual. Course: Final Design Workshop, Prof. Antonella Contin, Politecnico di Milano

2018 Lecture: "Koolhaas, Eisenman and Gehry: Design Process, Geometry and Algorithms". MSc Architectural Design and History, Prof. Federico Bucci, History of Contemporary Architecture, Politecnico di Milano.

2014 Round Table: Triennale di Milano, Africa-Italia. Un'idea Di Sviluppo Condiviso (Ideas on a Shared Development)

2011 Seminar (speaker, moderator): Dare terra; Milan Urban Centre

2011 Yenikapi Symposium; seminar and exhibition Organization with Antonella Contin, Matteo Frascini, Michele Moreno (Polimi), Yuksel Demir, Ozlem Kandemir (ITU Istanbul)

2009 International Congress Innovative Design And Construction Technologies" Milano, ITALY, from May 6 - 7th, 2009; Lecture title: "Lightweight structures modelling through a physical simulation software"

Other Research Activities

2018-19: AICS (Italian Agency for Development Cooperation) Project on solid waste management in refugee camps in West Bank, 1 year project, 500.000 Euro for CESVI Fondazione and Overseas Onlus, in partnership with UNRWA (the United Nations Relief and Works Agency for Palestine Refugees), and in collaboration with the Scuola di Agraria e Medicina veterinaria of the University of Bologna: "Integrated approach for an improved solid waste management system, environmental awareness and education in healthy eating for refugees in Nurshams and Tulkarem camps" (Project code: AID 11264/CESVI/UNRWA/16) - Design and Technical documents for the renovation of the rooftop of the Women Centre in Nurshams Camp and the realization of harvesting systems. - Consulting, Design and Site supervising.

2015: Teaching with Technology Grant - Centre for Innovation in Learning and Teaching - University of Cape Town (23.000 R)

2004-13: Member of MSLab, Measure and Scale Laboratory, DASTU Department, Polytechnic of Milan, coordinated by prof. Antonella Contin.

List of Main Activities:

_2011 Campus Urbano International Competition (for Universities) University Luigi Bocconi With New York University of Technology.

_2010/13 Dare Terra [GIVE LAND] Organization of a series of annual seminars New sustainable models for the urban growth. The new centrality of Segrate, Italy. In collaboration with Comune di Milano, Comune di Segrate, Provincia di Milano.

_2010 MEDITERRANEAN LANDSCAPES BETWEEN EAST AND WEST

Nature, Culture & Architecture _ Morphology / Typology in the pre-modern modality and today _ DOÑANA (SPAIN) _ OUTSIDE THE CITY. Re - territorialisation of the human habitats at the net-city scale.

The Climate Question and Sustainable Eco-Tourism Model, in collaboration with Máster universitario en

ciudad y arquitectura sostenibles ETSAS _ Escuela Tecnica Superior de Sevilla.

_2010 Inter-disciplinary Yenikapi Symposium The future of the past of Yenikapi, transfer point and archeological park. Istanbul, TR

_2010 MARDIN - Nature, Culture & Architecture (Turkey) Morphology/typology in pre-modern system: a new way to use parametric design to reproduce and reinvent complexity.

_2009 SUSTAINABILITY OF THE IDENTITY - Bahia de Cadiz (Spain)

in collaboration with Máster universitario en ciudad y arquitectura sostenibles ETSAS _ Escuela Tecnica Superior de Sevilla and Ayuntamiento de San Fernando.

_2004 Segovia Urban Development Design Research - Exhibition and Publication: Segovia. Los Altos De Las Lastras, edited by Antonella Contin, 47-61. Milan: A&P Editing, 2004.

2011: Researches, data collection and publication (Book) - *M.OVI Museo Cascina Ovi, Archivio storico di Segrate* - With Marco Fraschini for: Municipality of Segrate (founded: 10.000 Euro)

2011: 1861-2011 150° Dell'unità d'Italia [Exhibition for the 150th anniversary of the unification of Italy] Segrate Cascina Ovi: Historical and data researches, contents, layout, design and supervision. Municipality of Segrate (founded: 50.000 Euro) With Marco Fraschini

2012: Ponte Bellum - Research and Exhibition - for AUFO Architectural & Urban Forum and ISISUF - Istituto Internazionale di Studi sul Futurismo. Title of the Project: Wetscape City with Giancarlo Tonoli Giacomo Moretto Infrastructurban: Event/Exposition with 10 Utopian proposal for 1 million inhabitant cities along a bridge connecting Sicily to Tunisia Published in : ARCA international n 109/2012

2011: Project title: Attualità Del Progetto Urbano: Urba-nu 10 Progetti Per Nuoro.” for Associazione culturale PAES-AGGIURBANI. (participation)

2010: Milano 2030 Stadt Krone - Research and Exhibition - for Politecnico di Milano and AUFO Architectural & Urban Forum. Title of the Project: Citytape - Stefano Melgrati, Giancarlo Tonoli, Mirko Vescio, Jack Moretto

2010: Segrate Cascina Ovi [permanent exhibition on history and present of the city of Segrate (Milan)] Historical and data researches, contents, layout, design, curation and work's supervision. Municipality of Segrate (founded: 100.000 Euro) With Marco Fraschini

2006-07: Ph.D Research Scholarship Comune di Milano, Research Program: “Periferie e nuove centralità a Milano” [Peripheries and new centralities in Milan] □ 10.000

2005: New York Institute of Technology, Ph.D Internship program.

2001: M.Arch dissertation scholarship at ETSAM (Madrid) (January - April)

1998-99: Erasmus program, Sint Lucas University, Brussels .

Awards and Mentions in International Design Competitions:

2019: Rome, Concorso Di Progettazione A Procedura Aperta In Due Gradi In Modalità Telematica “Progettazione Per Opere Di Pedonalizzazione E Riqualificazione Nel Territorio Del Municipio II”, with Arch Simona Rizzo [Urban and Landscape Architecture Design competition - Rome - Olympic Village - Municipality of Rome] - Finalist

2013: European 12 - The Adaptable City - Inserting Urban Rhythms - Venezia Mestre, Project Title: “Match Boxes” - Special Mention

2010: Concorso di idee per Riqualificazione urbana dei Lidi Ravennati. Realizzazione di percorsi pedo-ciclabili e risistemazione aree di sosta per la riqualificazione della fascia retrostante gli stabilimenti balneari – [Urban and Landscape design competition for the coastline of Ravenna - Municipality of Ravenna]- First Prize

2010: Concorso d'idee per la progettazione di Piazza xx settembre e degli spazi annessi Comune di Sarnico (Bg) - Municipality of Sarnico (Bergamo) [Urban and Architectural design competition for the waterfront square of Sarnico (Bergamo/Italy) - Honorable Mention

2001: Student Architectural design competition, Comunitad de Madrid “Cocheras de metro de Quatro Caminos” - First Prize; further developed in the master degree thesis and published in A. Contin, Un’Idea di Architettura, forma figura immagine, Clup, Milano, 2004

Other International Design Competitions (Selection)

2019: Architectural Design Competition Borgaretto Torino (Italy) La Fabbrica Trasparente. Dott. Gallina s.r.l. (with Giancarlo Tonoli) [International Arch. Des. Comp. for the refurbishment of a Factory]

2019: Design Competition Milan (Italy): Milano in Crescita – Concorso Internazionale di Progettazione Scuola Pizzigoni - Municipality of Milan. [International Arch. Des. Comp. for the a secondary School]

2015: European 13 - The Adaptable City II - Kosovo - GJAKOVA

2013: Belgorod City Centre International Urban Design Competition

2012: Concorso di idee per la redazione di un progetto integrato di valorizzazione del parco delle mura di Piacenza (Landscape and Urban Design competition for the renewal of city wall Park, Piacenza, Italy)

2012: Concorso di progettazione in fase unica: “Parco Cimiteriale e Tempio Crematorio a Chiesanuova”, nel Comune di Prato (Architectural and landscape design competition for the extension of Prato (Florence/Italy) Cemetery and the design of the new crematorium.

2012: Concorso di progettazione Municipio di via Roma e sistemazione aree adiacenti (Rodano) (Architectural design competition for the new Rodano (Milano/Italy) town hall

2011: Concorso di idee per la progettazione di opere ed interventi relativi alla zona di separazione tra le aree portuali ed il litorale nel terrapieno sud del bacino di Vado Ligure – Bergeggi (Architectural and landscape design competition for the harbour of Vado(Italy)

2011: Concorso di idee per la riqualificazione dell’area portuale e del waterfront della citta’ di Fano “ la darsena nella citta” (Urban and Architectural design competition for the harbour and waterfront of Fano (Italy)

2008: Concorso di progettazione per la realizzazione del nuovo Istituto Agrario di Siena in località Scacciapensieri. (Architectural design competition for a secondary school in Siena/Italy)

2006: 1° concorso “contemporanee forme di intelligenza” edizione 2005 indetto dal GRUPPO SINTESI (forniture design competition)

2004: Concorso di idee per la progettazione del nuovo stadio Comunale di Siena (Architectural design competition for the new Stadium of Siena IT)

2002: Concorso di progettazione per opere di riqualificazione ingresso Villaggio Ambrosiano e controviale in fregio alla Via Cassanese” (Urban and architectural design competition for a square in Segrate (Milan/Italy) 4th prize

Professional Practice: List of main works

2019: Rome, Urban Design Competition, 1st and 2nd stage: “Progettazione Per Opere Di Pedonalizzazione E Riqualificazione Nel Territorio Del Municipio II”, with Arch Simona Rizzo -Stage 1 and 2 development

2018-19: Design and Technical supervision for the renovation of the rooftop of the Women Centre in Nurshams Camp and for the realization of a rainwater harvesting system for hydroponic agriculture. Client: Overseas Onlus / CESVI AID 11264/CESVI/ UNRWA/16 .

2018: Renovation of an apartment in Milan (in collaboration with Simona Rizzo)

2015-18 Collaboration with Makeka Design Cape Town Lab (concept design)

2014: Concept design for the implementation of the “House of Smile”, CESVI NGO, Philippi, Cape Town.

2013: Renovation of two Houses in Segrate

2011-12: Office/factory renovation (design and construction supervisor), Client: Elsi s.r.l. Lainate (Milan)

2011: Design for the exhibition: 150° anniversary of ITALY, Segrate (design and contents)

2011: Concept Design of a showroom and modular elements.

2010: Masterplan Proposal for Nuoro-Concept for a thematic park for the new general plan of Nuoro (Sardinia)

2010: Design for a Hospice in Silvano d’Orba - Italy - in collaboration (business plan and concept design)

2010: Design for the exhibition: Segrate 1870 – 2010: 140 anni di storia comune, tradizioni e immagini” (design and contents digital and interactive contents)

2010: MilanoStadtKrone2030: design proposal for High density settlement in Milan

2009-13: Registered architect at Cened (Building Energetic Performance Certification Board - Lombardy Italy)

2008-10 Masterplan for the historical centre of Rovagnasco - Segrate, Milan. (in collaboration)

2007-09: Renovation of an historical courtyard building, in collaboration (Treviglio; design and construction supervision)

2007-09: Renovation of an historical building, in collaboration (Crema; design and supervisor)
2006-07 Territorial emergency plan: Municipality of Pessano con Bornago (Milan -Italy)
2005-07: Swimming Pool in Segrate (collaboration in design and construction supervisor)
2006-13: Renovation of several apartments in Milan
2005: Consultant for the Masterplan: Redeciesio Est, Segrate (Milan)
2004: Urban Framework for Segovia Las Lastras, In Collaboration, PHD res. Group Politecnico of Milan, Client: Segovia Municipality.
2002: Concept design and Urban Framework for the Sport Citadel in Segrate Milano, (in Collaboration). Client: Segrate Municipality

Exhibitions

2012: "INFRASTRUCTURBAN" (www.aufo.it) published in ARCA international n 109/2012 (participation)
2011: Yenikapi Symposium, Istanbul Archeological Museum, Aya Irini (design and contents, collaboration)
2011: 150° anniversary of ITALY, Segrate (design and contents)
2010: MilanoStadtKrone2030 @ Politecnico di Milano (participation)
2010: Segrate 1870 – 2010: 140 anni di storia comune, tradizioni e immagini" (design and contents, digital and interactive contents)
2004: Segovia – los altos de las Lastras (design and contents)

Other Skills

Computer Skills

Advanced knowledge: Autodesk 3dStudioMax; Autocad; Adobe Photoshop, Illustrator, Indesign

Good knowledge: Rhino3D/Grasshopper, Autodesk Revit, Wordpress

Intermediate knowledge: ArcGIS; GrassGis; Adobe Flash, Premiere, Dreamweaver

Basic Knowledge: Sketchup;

Microsoft Office

Continuing Education professional courses

2019 Revit

2011 ANIT Legge 10 - Energetic performances in Building Design

2008 CENED - Energy Certification for Buildings