

Nicolas Turchi

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🔗 <https://www.nt-ar.com>

Education

2018

Cambridge,
United States

Harvard Graduate School of Design

Master in Architecture II

M Arch II Program Representative // Member of 'Code without frontiers' // Digital Media Workshops Instructor // 'Learning Environments for Tomorrow' Design Facilitator // Italian GSD Group President // Greg Lynn Teaching Assistant // Patrik Schumacher Teaching Assistant

2016

Cesena, Italy

University of Bologna

Bachelor of Architecture + M Arch I

5 years Architecture Program // Merit Scholarship winner for 5 years // 2012 Erasmus Scholarship Winner // 2015 Thesis Abroad Fellowship winner // 2017 Best Thesis Prize Winner

2013

Bristol,
United Kingdom

University of West of England

Erasmus Exchange Program

Design Studio publication & honour

Professional Experience

2024 – present

Dubai, UAE

American University in Dubai

Assistant Professor of Architecture

Courses Taught:

BArch:

Architectural Design Studio I

Architectural Design Studio IV

Digital Design and Fabrication I

Parametric Design I

BArch Thesis Studio

MArch:

Artificial Intelligence in Urban Design

2022 – present

London, United
Kingdom / Dubai, UAE

nt-ar

Founding Director

International architecture and computational design practice based in the UK and UAE. Director of a multidisciplinary team delivering projects across the Middle East, Europe and Asia, including Dubai, NEOM and Mumbai.

Recent work includes award-winning residential developments, large-scale mixed-use projects and research-led design integrating AI, parametric methodologies and environmental simulation.

RIBA Chartered Practice | ARB Registered | VAT Registered.

2022 – 2024 Manchester, United Kingdom	Manchester School of Architecture, University of Manchester / MMU <i>Assistant Professor</i> Grade 8
2022 – 2024 Manchester, United Kingdom	Manchester School of Architecture, University of Manchester / MMU <i>Atelier Lecturer</i> CPU Atelier Design Lecturer
2019 – present Cesena, Italy	University of Bologna, School of Architecture <i>Adjunct Professor</i> Computational Design Studio Course
2018 – 2022 London, United Kingdom	Zaha Hadid Architects <i>Senior Designer</i> Mercury House Tower, Malta, Under Construction. Alijada Central Hub Masterplan, Sharjah, Competition Winner. Chengdu Football Centre, Competition. CECEP Headquarters, Shanghai, Under Construction.
2020 – 2022 Milan, Italy	Polytechnic of Milan <i>Visiting Professor</i> - DigiSkills Course Professor, Milan - DigiSkills Course Professor, Piacenza
2022 – 2023 Birmingham, United Kingdom	University of Birmingham <i>Visiting Professor</i> Computational Design Course
2021 – 2025 Sofia, Bulgaria	University of Architecture, Civil Engineering and Geodesy, Sofia <i>Visiting Professor</i> Master of Science in Computational and Advanced Design - MSc CAD. Studio Leader
2016 – present Worldwide	Design Morphine <i>Associate</i> International Workshops taught: - Time Machine V 1.0 Workshop Bologna - Design Morphine Webinar Series 2019 -2 - Super Species V.1 Instructor New York
2021 – 2022 Cambridge, United States	Harvard Graduate School of Design <i>Course Instructor</i> - J Term Course Instructor 'Dynamic Mutations GSD 5.0' - J Term Course Instructor 'Dynamic Mutations GSD 6.0'
2021 – 2023 Dubai, UAE	Gritnova Group <i>Invited Studio Leader</i> Online International Program 'Architecting the Future' Cohort I / II
2021 Remote	ACADIA 2021 <i>Workshop Lecturer</i> International Workshop Program, Workshop: 'Physics: towards critical assemblies', with Daniela Atencio.

2020 Remote	Middle East Architecture Lab Live Academy <i>Invited Workshop Lecturer</i> Online International Program, Maya Workshop
2020 Remote	Performance Network <i>Digital Instructor</i> Advanced Maya Training for Architects and Corporations
2017 – 2018 Cambridge, United States	Harvard Graduate School of Design <i>Teaching Assistant</i> - Patrik Schumacher Option Studio Teaching Assistant - Greg Lynn Option Studio Teaching Assistant - Digital Media Workshops Instructor - 'Learning Environments for Tomorrow' Design Facilitator
2017 Los Angeles, United States	Hernan Diaz Alonso Architects <i>Designer</i> International Writing Museum, Songdo, Competition.
2015 – 2016 Bologna, Italy	MCA, Mario Cucinella Architects <i>Junior Architect</i> Tobacco Factory Renovation, Bari, Competition. Unipol Tower, Milan, under construction. Opificio Golinelli, Bologna, completed.
2015 New York, United States	Peter Eisenman Architects <i>Architecture Intern</i> Progetto Flaminio, Rome, Competition. Yenikapi Project, Istanbul, under construction.
2013 – 2014 Milan, Italy	5+1AA Architects <i>Junior Architect</i> BNL Headquarters, Rome, Completed.

Publications, Exhibitions, Awards

2026	Provost's Award <i>American University in Dubai</i> Creativity in Design and the Visual Arts
2026	Value Driven Residential Property of the Year - for Tresora by nt-ar Award - with nt-ar
2026	Best Multidisciplinary Architecture & Design Practice 2026 Award - with nt-ar MEA Markets Sustainable Design Excellence Award 2026 Award - with nt-ar
2025	Urban Planning & Architectural Design for Sustainable Development (UPADSD)- ' Context-Aware Urban Generation: A Generative and AI-Driven Computational Framework for Performative and Culturally-Rooted Neighborhood Design in Dubai' <i>Publication</i>

- 2025** **Embracing Technological Disruption and the Fourth Dimension in Art and Performative Art Spaces. Book Chapter, Springer Nature**
Publication
- 2025** **Architecture Venice Biennale 2025, Italian Pavilion, BioReef Morphologies**
Exhibition and Talk
- 2025** **SCIN - Sustainable Creative Art: Inspiration from Nature : 'AI and Sustainable Design: Reimagining Place Identity through Contextual Data and Adaptive Filtering'**
Publication
- 2025** **'Bloomimia' Artpiece, With Julia Marmi and Daniele Menichini. As part of 'The House of Imperfect Silence' curated by Patrizia Catalano and Maurizio Barberis for HoperAperta.**
Exhibition
- 2024** **Secret Room: Designing Worlds**
TODA, Theater of Digital Art, Dubai
Exhibition
- 2024** **Milano Design Week**
Mimesis - Hoperaperta
Exhibition
- 2024** **Mimesis Martina Franca**
Mimesis - Hoperaperta
Exhibition
- 2023** **Mobile Detroit 2050**
College of Architecture and Design at Lawrence Technological University
Exhibition
- 2023** **Sustainability Award - CPU (Complexity, Planning and Urbanism LAB)**
Manchester Metropolitan University
Award
- 2023** **Architecture Venice Biennale 2023**
Egyptian Pavilion: NiLab - The Nile as Laboratory
Exhibition
- 2022** **Digi Skills Bsc - Revising Graphic Literacy in Bsc Architectural Design Education through a Software-Based Pedagogic Approach. A Shared Pilot Experience at the Politecnico di Milano**
Franco Angeli
in: DIALOGHI visioni e visualità / DIALOGUES visions and visuality, Milano, Franco Angeli Open Access, 2022, pp. 2221 - 2229 (atti di: 43° CONVEGNO INTERNAZIONALE DEI DOCENTI DELLE DISCIPLINE DELLA RAPPRESENTAZIONE CONGRESSO DELLA UNIONE ITALIANA PER IL DISEGNO, Genova, 15-16-17 settembre 2022)
Contribution to conference proceedings

- 2021** **Architettura dello spazio/tempo: Memoria è Progetto**
DISE'GNO
 ISSN 2533-2899
 Publication
- 2021** **Architecture Venice Biennale 2021 “How will we live together’. Italian Virtual Pavilion. CITYX VENICE.**
 Exhibition
- 2021** **Scalable Tectonics: Speculative Futures: Stories from the Future**
 SBN-13 : 979-8512752333. ASIN: B096TL87MC
- 2020** **Visual Communication for Architects and Designers. Constructing the Persuasive Presentation’, By Margaret Fletcher**
Routledge
 SBN 9780367134631
 Selected work publication
- 2020** **Retention and Protention Methodology: Edmund Husserl’s Phenomenology as a Multidimensional Design Approach**
DISE'GNO
 0.3280/oa-548.79
 Publication
- 2019** **New Italian Blood Research Prize**
NIB
 Award
- 2018** **Harvard GSD ‘Platform 11: Setting the Table, Volume 11**
Actar D
 Selected work publication
- 2018** **Archdaily Best 9 Students Projects in 2018**
Archdaily
 Award
- 2018** **‘Futurism 2.0’**
Harvard GSD Online Magazine
 Selected works online publication
- 2017** **Giacomo Venturi Prize’ Best Architecture Thesis 2016-17.**
 Prize and Publication
- 2017** **Merit Scholarship**
Harvard Graduate School of Design
 Award
- 2016** **Merit Scholarship**
Harvard Graduate School of Design
 Award
- 2016** **'Figure Urbane. Progetti per l'ex caserma Sani a Bologna' , curated by Francesco Gulinello.**
Urban Center, Bologna
 Exhibition

- 2015** **Figure urbane. Progetti per l'ex caserma Sani a Bologna**
Quodlibet
 2ISBN 9788874627127 2015, pp. 154
 Selected works publication
- 2014** **Thesis Abroad Research Prize.**
University of Bologna, Italy
 Award
- 2013** **Erasmus Program**
University of West of England, Bristol, UK
 Scholarship
- 2010** **Merit Scholarship**
University of Bologna, Italy
 2010-2015 Scholarship

Selected Lectures, Conferences and Interviews

- 2026** **Il Sole 24 Ore Formazione. 'Generative AI per Architettura e Design' (Edition 3/4)**
 Milan
 Lecture and Workshop
- 2026** **Dialogues in Design: Early Career Conversations**
 Online
 Interview / Podcast
- 2025** **Big 5 Global, Tech Talks, 'Generative design for efficient urban communities in Dubai'**
 Dubai
 Tech Talk
- 2025** **Autodesk Design & Make Summit Middle East. 'Who Designs the Designer? Shaping the Minds that shape the Machine'**
 Dubai
 TED Talk
- 2025** **Il Sole 24 Ore Formazione. 'Generative AI per Architettura e Design' (Edition 2)**
 Milan
 Lecture and Workshop
- 2025** **Urban Planning & Architectural Design for Sustainable Development (UPADSD)- 'Context-Aware Urban Generation: A Generative and AI-Driven Computational Framework for Performative and Culturally-Rooted Neighborhood Design in Dubai'**
 Florence, Italy
 Conference
- 2025** **Il Sole 24 Ore Formazione. 'Generative AI per Architettura e Design'**
 Milan, Italy
 Lecture + Workshop
- 2025** **World Green Building Week 2025. 'Understanding the Fundamentals of Current Technological Advancements'**
 Dubai, UAE
 Lecture

2025 Dubai, UAE	SCIN - Sustainable Creative Art: Inspiration from Nature : 'AI and Sustainable Design: Reimagining Place Identity through Contextual Data and Adaptive Filtering' <i>Conference</i>
2025 Riyadh, KSA	Bawtaqah Foundation. 'AI in Practice Summer Camp' <i>Talk and Workshop</i>
2025 Milan, Italy	Lecture Series: Architettura Intelligente: L'AI entra in studio": 'Progettare il Futuro: Le Sfide dell'Intelligenza Artificiale' <i>Lecture</i>
2025 Milan, Italy	Milano Design Week. "Amorphia" Seat. Nicolas Turchi, Daniele Menichini and Inventa <i>Exhibition</i>
2025 Milan, Italy	Theatro Italia. 'L'intelligenza Artificiale nell'Architettura. Efficienza, Creatività e Nuove Sfide' <i>Lecture</i>
2025 Online	Parametric Synergy: Maya & Grasshopper for Sustainable Design <i>PAACADEMY: Lecture and Workshop</i>
2024 Dubai, UAE	CDC - ME at Cosentino City, Center for Multidisciplinary Design Research <i>Lecture</i>
2024 Manchester, United Kingdom	Manchester Metropolitan University: AI Day Lecture and Panel <i>Lecture + Workshop</i>
2024 Zurich, Switzerland	Swiss Institute for Disruptive Innovation, Injecting Time in Architecture <i>Interview, Publication</i>
2024 Abu Dhabi, UAE	Zayed University: Nicolas Turchi: Multidisciplinary Design <i>Lecture</i>
2024 Puebla, Mexico	Ibero Puebla, Universidad Iberoamericana: Nicolas Turchi: Ongoing Research <i>Lecture</i>
2024 Milan, Italy	Milan Design Week: House of BMW - Automotive Design <i>Interview</i>
2023 Cesenatico, Italy	Rotary Club Cervia/Cesenatico - Architettura Multidimensionale e Metaverso <i>Lecture</i>
2023 Forlì, Italy	ITIS - L'architettura del Metaverso <i>Lecture</i>
2023 Online	Digital Futures: The In-Between Time based practices in Design <i>Lecture</i>
2023 Online	In Arch Toscana: User-Enhanced Design, a multidisciplinary approach. <i>Lecture</i>

2022 New York, United States	CCNY, City College of New York <i>'High Rise. Projects, Buildings, Discussions', Lecture</i>
2022 London, United Kingdom	Architectural Association, NFT – THE IN-BETWEEN Digital Modelling and Image Making <i>Invited Workshop Tutor</i>
2021 London, United kingdom	Architectural Association <i>Media Studies invited course instructor</i>
2021 Online	ACADIA Conference 'Realignments' <i>Conference Speaker</i>
2021 College Station, United States	Texas A&M College of Architecture <i>Midterm Studio Jury Panel</i>
2021 New York, United States	New York Institute of Technology <i>Final Jury Panel</i>
2021 College Station, United States	Texas A&M College of Architecture <i>'It's just a trick' Lecture</i>
2021 Dubai, UAE	Gritnova Campus, Architecting the Future Program <i>'Thinking Creatively in Architecture' Lecture</i>
2021 Online	Inspireli Awards <i>Invited Jury</i>
2020 Bogota, Colombia	Universidad de los Andes <i>Symposium and Lecture</i>
2020 New York, United States	New York Institute of Technology <i>Final Jury Panel</i>
2020 Online	Inspireli Awards <i>Invited Jury</i>
2020 Dubai, UAE	Meal Academy Competition <i>Invited Jury</i>
2019 College Station, United States	Texas A&M College of Architecture <i>Final Jury Panel</i>
2019 Online	Inspireli Awards <i>Invited Jury</i>
2018 Bologna, Italy	University of Bologna, School of Architecture <i>'Tempo, Spazio e Architettura' Lecture</i>

2018 Online	The Archiologist <i>Online Lecture</i>
2018 Online	Arch-Reporter Digital Magazine <i>Online Interview</i>
2018 Online	Anonymous Atelier, Digital Magazine <i>Online Interview</i>
2018 Online	Rethinking The Future, Digital Magazine <i>Online Feature</i>
2018 Cambridge, United States	Harvard Graduate School of Design, Digital Media Workshops Series <i>Modeling and Virtual Representation. Workshop</i>
2018 Athen, Greece	Athen FabLab, Visual Machine' Rendering MasterClass <i>Workshop</i>
2017 Bologna, Italy	Comune di Bologna, Italy <i>Giacomo Venturi Prize Public Lecture</i>

Certificates and Qualifications

PGCE HE With Merit	FHEA	ARB Registered Architect
RIBA Chartered Architect	Zaha Hadid Architects, Autodesk Maya Advanced Level Certificate	McNeel, Rhinoceros Certificate Lv. II
McNeel, Rhinoceros Certificate Lv.I	European Informatic passport ECDL	Grasshopper Training Certificate Lv. II
Cinema 4D/ VRay Certification	Polytechnic of Milan, Low Risk Practice Training Certificate	Polytechnic of Milan, Safety Training Certificate
TOEFL Certificate - C2 Level		

Software Taught

McNeel Rhinoceros / Keyshot / Adobe InDesign / Vray / Adobe Photoshop / Adobe Illustrator / Grasshopper / Autodesk Maya / Arnold Render / Mash / Autodesk Revit / Revit Insight / Autodesk Forma / Cura 3D / Cinema 4D / Adobe After Effects / TSplines / Autodesk Autocad / Lumion / Enscape / Twinmotion / Unreal Engine / Mandelbulb / Autodesk Forma / Twinmotion