



## Nazly Atta

### Curriculum Vitae

#### Personal Information

Surname	Atta
Name	Nazly
E-mail	██████████
Skype	██████████
Nationality	██████████

#### Education

	PhD in Architecture, Built environment and Construction engineering
Date (from – to)	November 2015 - <b>present</b>
Name of organization	Politecnico di Milano. Department of Architecture, Built environment and Construction engineering. Via Bonardi 9, 20133 Milano
PhD Topic	Information Technologies for advanced knowledge management within Facility Management (FM) processes. Internet of Things (IoT) adoption for innovation of FM services.
Supervisors	Prof. Cinzia Talamo; Prof. Giancarlo Paganin

	Master of Science in Management of Built Environment School of Architecture, Urban Planning and Construction Engineering. Politecnico di Milano
Graduation Date	April 2015
Name of organization	Politecnico di Milano. Piazza Leonardo Da Vinci 32, 20133 Milano
Final mark	110 with honors (110L / 110)
Title of thesis	Le informazioni nel piano di manutenzione. Mappatura delle fonti e analisi funzionale
Supervisor	Prof. Giancarlo Paganin

	Bachelor Degree in Building Engineering School of Building Engineering. Politecnico di Milano
Graduation Date	February 2013
Name of organization	Politecnico di Milano. Piazza Leonardo Da Vinci 32, 20133 Milano
Title of thesis	Analisi della progettazione di una copertura a verde
Supervisor	Prof. Tiziana Poli

	Science High School Diploma - Double-language Diploma (English - French)
Name of organization	Liceo scientifico V. Benini. Via Cavour 1, 20077, Melegnano, Milano

**Work and Research  
experience;  
Teaching and  
Tutoring activities**

Date (from – to)	February 2018 - <b>present</b>
Name of university	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Teaching Assistant
Type of employment	Teaching Assistant within "Laboratorio di costruzione dell'architettura" Bachelor of Science in Progettazione dell'architettura. Prof. C. Talamo
Language	Italian

Date (from – to)	November 2018
Name of firm	Festo C.T.E - Festo Academy
Position	Trainer&Teacher
Type of employment	Topic of lectures: "Pianificazione delle manutenzione e Lifecycle approach"

Date (from – to)	October 2018
Name of firm	Festo C.T.E - Festo Academy
Position	Trainer&Teacher
Type of employment	Topic of lectures: "La gestione delle informazioni nei servizi di Facility Management in ambiente BIM"

Date	December 2018
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Building Information Modeling application to Facility Management of medium/small Real Estates. The case of "V. Pareto" Residence". Supervisor: Prof. C. Talamo, supervised student: N. De Matteis

Date	December 2018
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "ICTs for Smart Cities. Categories of innovative urban FM services and proposal of indicators of smartness". Supervisor: Prof. C. Talamo, supervised student: F.S. Acerbi

Date	October 2018
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Smart cities and enabling technologies : influences on the urban facility management services ". Supervisor: Prof. C. Talamo, supervised students: D.W. Rutor, M.R. Egbreghts

Date	October 2018
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis

Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Resilience for urban and territorial systems in Tanzania. Analysis of risk factors of local communities and individuation of strategies and tools for resilience". Supervisor: Prof. C. Talamo, supervised student: M.M.G. Wandiba
--------------------	---

Date (from – to)	September 2018 - <b>present</b>
Name of university	Politecnico di Milano (Milan, Italy) - Department of Architecture and Urban Studies
Position	Teaching Assistant
Type of employment	Teaching Assistant for the Course of <i>Technical Assessment of the Built Environment</i> . Master of Science in <i>Management of Built Environment</i> . Prof. G. Paganin
Language	English

Date	July 2018
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Analysis and optimization of specific services in technical facility management for hospital. A case study of Resalat Hospital Tehran". Supervisor: Prof. C. Talamo, supervised student: M.S. Orooje

Date (from – to)	November 2017 - <b>present</b>
Name of firm	Politecnico di Milano (Milan, Italy) - Area Tecnico Edilizia
Position	Consultant on the topic of "Maintenance Management"
Type of employment	Assistant in the project verification activities on the topic of "Maintenance Management" for the project "Riqualficazione Campus Bonardi". Supervisor: Prof. C. Talamo

Date (from – to)	May 2017 - September 2017
Name of firm	Delft University of Technology (Delft, The Netherlands) - Department of Management in the Built Environment
Position	Visiting Researcher
Type of employment	Researcher on topics relating to optimization and innovation of the Management processes of the Built Environment through the adoption of Information and Communication Technologies, in particular the Internet of Things. Aim: Providing pioneering ways to understand, interpret and control the Built Environment, based on an increase in knowledge obtained thanks to IoT-based processes of data detection, processing, transmission and sharing.

Date	December 2017
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Internet of Things and Facility Management. Strategies of innovation and applicative scenarios". Supervisor: Prof. C. Talamo, supervised student: G. Pareschi

Date	April 2017
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Cleanrooms: Proposal of a Tool for the Analysis of Maintenance Requirements and Criticalities". Supervisor: Prof. C. Talamo, supervised student: F. Bonomelli

Date	April 2017
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering

Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Sensor-based Technologies for Facility Management: Scenarios of Innovation". Supervisor: Prof. C. Talamo, supervised students: M. Ravazza; G. Vasta

Date	July 2016
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Co-supervisor of Master Thesis
Type of employment	Co-supervisor of the Master of Science Thesis in Management of Built Environment, entitled: "Innovative Scenarios in Facility Management: Sensing and Monitoring Techniques". Supervisor: Prof. C. Talamo, supervised student: L. Taghiani

Date	April 2016 - December 2016
Name of firm	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Winner of the call for "PhD Tutoring Services"
Type of employment	<ul style="list-style-type: none"> <li>- Assistance for new PhD students</li> <li>- Preparation of informative material</li> <li>- Development of ABC-PhD web page</li> </ul>

Date (from – to)	October 2015 - <b>present</b>
Name of firm	eFM (Rome, Italy) - Architecture and Engineering Company
Position	<i>IT for FM</i> Researcher
Type of employment	Supporting eFM in: <ul style="list-style-type: none"> <li>- Orienting, organizing and managing Big Data flows and Sources (sensor, RFID, etc.)</li> <li>- Changing FM services Demand/Offer and related requirements</li> <li>- Drawing new supply chains based on network approaches</li> </ul>

Date (from – to)	October 2015 - <b>present</b>
Name of university	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Teaching Assistant
Type of employment	Teaching Assistant for the Course of <i>Information Systems for the Maintenance and Management</i> . Master of Science in <i>Management of Built Environment</i> . Prof. C. Talamo
Language	English

Date (from – to)	October 2015 - March 2017
Name of university	Politecnico di Milano (Milan, Italy) - Department of Architecture and Urban Studies
Position	Lecturer
Type of employment	<i>Main lecture: Functional analysis as support tool for building maintenance planning</i> . Course of <i>Technical Assessment of the Built Environment</i> . Master of Science in <i>Management of Built Environment</i> . Prof. G. Paganin
Language	English

Date (from – to)	October 2015 - <b>present</b>
Name of university	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering
Position	Lecturer
Type of employment	<i>Main lecture: Building Maintenance process and legislation</i> . Course of <i>Processes, tools and methods for building maintenance</i> . Bachelor of Science in <i>Architecture and Building Industry Production</i> . Prof. C. Talamo
Language	English

Date (from – to)	November 2015 - January 2016
Name of firm	eFM (Rome, Italy) - Architecture and Engineering Company
Position	Facility Management Consultant
Type of employment	Bid submission for the <i>Invitation to Tender Facilities Management Consultant. EXPO 2020 DUBAI, UAE</i>
Language	English

Date (from – to)	October 2015 - December 2015
Name of firm	eFM (Rome, Italy) - Architecture and Engineering Company
Position	Consultant for <i>IT for Building Maintenance Management</i>
Type of employment	Project submission for the competition RIGENERARE CORVIALE (2015). ATER Comune di Roma. Regione Lazio
Language	Italian

Date (from – to)	March 2014 - May 2015
Name of university	Politecnico di Milano (Milan, Italy) - Department of Architecture, Built environment and Construction engineering & <i>Conferenza Episcopale Italiana CEI</i> (Rome, Italy)
Position	Research fellow on <i>Maintenance processes for worship buildings</i>
Type of employment	Improving of Information management within building process of worship buildings. Elaboration of maintenance manuals, plans and programs for case studies provided by CEI

### Language Certifications

Certifications of language knowledge	ETS - TOEIC (Test of English for International Communication - Listening and Reading Test) Date: 22/07/2013 Score: 830/990, level C2
--------------------------------------	---

### Skills and Competences

Mother tongue	<b>Italian</b>
---------------	----------------

### Other language(s)

	<b>English</b>	<b>French</b>	<b>Arab</b>
Reading	Excellent	Excellent	Elementary
Writing	Excellent	Excellent	Elementary
Speaking	Excellent	Excellent	Good

Technical skills and competences	<i>Modeling &amp; Drawing</i> - Autodesk Revit, Autodesk Autocad <i>Language Programming</i> - Python (Basic Level) <i>Real Estate Management</i> - Archibus <i>Vectorial Graphics &amp; Layout</i> - Adobe Illustrator, Adobe Indesign, Adobe Photoshop
----------------------------------	---

Autorizzo al trattamento dati ai sensi del GDPR 2016/679 del 27 aprile 2016 (Regolamento Europeo relativo alla protezione delle persone fisiche per quanto riguarda il trattamento dei dati personali).  
Autorizzo la pubblicazione del Curriculum Vitae sul sito istituzionale del Politecnico di Milano (sez. Amministrazione Trasparente) in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 (e s.m.i.).

Firma

*Nazly Atta*

## PUBLICATIONS

Atta N., Talamo C. (2019). Invitations to Tender for Facility Management Services. Process Mapping, Service Specifications and Innovative Scenarios. Springer - ISBN:978-3-030-04008-6
Atta N., Spirito A., Trebicka F. (2018). Informazioni diffuse e strumenti per la progettazione e gestione dell'ambiente costruito. pp.260-276. In Progettare resiliente - ISBN:978-88-916-2853-4
Atta N., Talamo C. (2018). La centrale di governo nella gestione dei servizi di Facility Management. pp.29-31. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 7/8
Atta N., Talamo C. (2018). Smart City & ICT: innovazione nella gestione dei servizi di FM urbano. pp.18-27. In FACILITY MANAGEMENT ITALIA - ISSN:1973-5340 vol. 36
Atta N., Paganin G., Talamo C. (2018). Knowledge management e resilienza dei sistemi urbani e territoriali. pp.124-133. In TECHNE - ISSN:2239-0243 vol. 15
Atta N., Talamo C. (2018). La gestione delle informazioni nei servizi di Facility Management. Il ruolo del sistema informativo (parte seconda). pp.82-83. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 5
Atta N., Talamo C. (2018). La gestione delle informazioni nei servizi di Facility Management Il ruolo del sistema informativo (parte prima). pp.78-79. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 3
Atta N., Talamo C. (2017). IoT e Big Data: prospettive di innovazione per il FM. pp.15-23. In FACILITY MANAGEMENT ITALIA - ISSN:1973-5340 vol. 34
Atta N., Talamo C. (2017). Dal censimento all'anagrafe immobiliare. L'importanza di una base conoscitiva per la corretta organizzazione e gestione degli immobili. pp.62-63. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 12
Atta N., Talamo C. (2017). Il ruolo del censimento immobiliare nella gestione del patrimonio. pp.108-109. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 10
Atta N. (2017). Information Technology al servizio di una gestione dei rifiuti intelligente: Smart Waste Management. pp.247-264. In Le utilità dell'inutile. Economia circolare e strategie di riciclo dei rifiuti pre-consumo per il settore edilizio - ISBN:8891615080, 9788891615084
Atta N., Talamo C. (2017). Il sistema degli strumenti di supporto alla manutenzione programmata. Parte 2: il piano di manutenzione. pp.84-87. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 5
Atta N., Talamo C. (2017). Il sistema degli strumenti di supporto alla manutenzione programmata. Parte 1: Il quadro generale. pp.86-87. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 4
Atta N., Talamo C. (2017). La manutenzione programmata in edilizia. Scenario attuale e prospettive (Seconda parte). pp.78-79. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 3
Atta N., Talamo C. (2017). La manutenzione programmata in edilizia. Scenario attuale e prospettive (Prima parte). pp.66-67. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 2
Atta N. (2016). L'analisi funzionale nella pianificazione della manutenzione. La Function Breakdown Structure (FBS) per la definizione delle priorità nella manutenzione programmata. pp.15-17. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 12
Atta N., Talamo C. (2016). Big Data e gestione efficiente dell'immobile. L'applicazione del paradigma apre nuovi scenari nel campo del Facility Management. pp.14-15. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. numero 7/8 - Luglio / Agosto 2016
Atta N., Martani C., Paganin G., Talamo C. (2016). The integration of physical and digital urban infrastructures: the role of "Big data". pp.217-225. In TECHNE - ISSN:2239-0243 vol. 11
Atta N., Paganin G., Talamo C. (2016). Maintenance planning and breakdown structure techniques. Proposal of a "building breakdown structure" methodology. pp.101-108. In Euro Maintenance 2016 Conference Proceedings - ISBN:978-618-82601-0-8
Atta N., Bonanomi M. (2015). Smart Building e Smart Data. Il supporto dell'ICT per la gestione dei flussi informativi. pp.14-15. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 12
Atta N., Paganin G., Talamo C. (2015). The strategic role of the functional analysis in the inclusive and participatory design of the built environment. pp.1223-1234. In Atti delle Giornate Internazionali di Studio 3° Edizione di "Abitare il Futuro". International Conference Proceedings 3rd Edition of "Inhabiting the Future" - ISBN:978-88-8497-544-7
Atta N. (2014). Gestione delle informazioni per la pianificazione della manutenzione. L'importanza del contributo offerto in merito dalla UNI 11257:2007. pp.8-10. In MANUTENZIONE. TECNICA E MANAGEMENT - ISSN:1123-1084 vol. 12

Autorizzo al trattamento dati ai sensi del GDPR 2016/679 del 27 aprile 2016 (Regolamento Europeo relativo alla protezione delle persone fisiche per quanto riguarda il trattamento dei dati personali).

Autorizzo la pubblicazione del Curriculum Vitae sul sito istituzionale del Politecnico di Milano (sez. Amministrazione Trasparente) in ottemperanza al D. Lgs n. 33 del 14 marzo 2013 (e s.m.i.).

Firma

*Nazly Atta*