

Siena, december 2023



WINNER
BIM&DIGITAL
AWARD 22
2017-2022-2023



Architetto Daniele RAVAGNI

Owner/CEO ADR - Studio di Architettura - Siena, via dei Termini 63
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Link: [Full Curriculum - IT](#)

Highlights

Winner of BIM&DIGITAL Award 2023 - SAIE Bari 19-22 october 2023

section: **BIM Initiative of the Year:**

OViewer – multi-project and multi-format openBIM viewer (IFC, FBX, OBJ, LAS, JSON, ...)

Participation in THE BUILDINGSMART AWARDS 2023 in the TECHNOLOGY EXCELLENCE Category and in BIM&DIGITAL Award 2023 BIM INITIATIVE of the YEAR Category with the **OViewer** – multi-project and multi-format openBIM viewer (IFC, FBX, OBJ, LAS, JSON, ...) developed in my Architecture practice

Professional Appointment for the **Coordination and Survey Service with Laser Scanner and Drone of the Public Palace** and a section of the **City Wall between Porta San Marco and Porta Romana** as part of the activities of **Planning and Programming Management of the Implementation of BIM Methodology** at the **Amministrazione Comunale di Siena** - February 06, 2023

Presentation at ASSO BIM CONFERENCE 2022 "Digitization and Sustainability" - Milan, December 1, 2022 on my winning project for the BIM&DIGITAL Award 2022 - Digital Technologies for the Construction Process: ***From GIS/OpenDATA to BIM to openBIM (IFC) - Platform GIS+=BIM Plugin for Revit***

Winner of **BIM&DIGITAL Award 2022** - SAIE Bologna 19-22 October 2022
section: **Digital Technologies for the Construction Process:**
From GIS/OpenDATA to BIM to openBIM (IFC) - Platform GIS+=BIM Plugin Revit

Italy Chapter Member of the **International Jury: THE BUILDINGSMART AWARDS 2022**

Member of the **National Working Group on BIM-EE Energy Efficiency, within IBIMI-bSMART International**, for the development of **Guidelines on the use of BIM for the energy performance of Historic Buildings** since 03 March 2022

Professional Assignment of **Manager of the Planning and Programming of the Implementation of the BIM Methodology at the Municipal Administration of Siena – Italy** since December 30, 2021

Member of the **National Working Group on Energy Efficiency** that has developed, within **IBIMI-bSMART International**, the **Guidelines on the use of BIM for energy performance** previewed at SAIE in Bari 7-9 October 2021

Coordinator of the **BIM Working Group** of the Order of Architects PPC of Siena since August 01, 2020

Italy Chapter Member of the **International Jury: THE BUILDINGSMART AWARDS 2021**

Certification of **Individual Qualification** - Basic Module – buildingSMART International – certificate OpenBIM – **Register of Qualified Professionals** n. **it.03.036** dated May 12, 2020.

Italy Chapter Member of the **International Jury: THE BUILDINGSMART AWARDS 2020**

Member with voting rights designated by the National Council of Architects-CNAPPC in the **Commission "UNI/CT 033/SC 05 - BIM and digital management of construction information processes"** since 04 September 2019.

Winner of **BIM&DIGITAL Award Italia 2017** - Heritage Restoration and Enhancement Interventions section - by buildingSMART Italia, Digital&BIM Italia, Bologna Fiere 19-20 October 2017.

Regualification Project of the Historical Buildings - Pilot Project "SALICOTTO" in Siena

Practice

Owner of the Studio di Architettura

Since January 1991 - to date

Studio RAVAGNI has a consolidated experience in the fields of ARCHITECTURAL, URBANISTIC and DESIGN, sectors in which it has been operating for over 30 years.

In recent years it also deals of Professional Training that is carried out both at headquarters and at other institutions such as the Order of Architects, Building School and other training centers accredited.

Our professionalism and experience is able to provide a complete service and at the same time personalized, also using external figures, highly specialized, functional to the expected result.

The fields of experience are those of Architecture and Building applied in different areas, Urban and Agricultural (New Construction, Renovation and Restoration), Urban Planning (Feasibility Studies, Detailed Plans and Recovery up to the Structural Plan), Public Administration (Administrative and Regulatory Consulting on Public Works).

We are able to provide and manage the entire process of the product "Project", from the instrumental survey of the site, to its three-dimensional computerized restitution (BIM), to the bureaucratic and administrative practices for the various permits and authorizations, to the integration and management of structures and plants (Integrated Design), to the choice and/or design of furniture.

Public Administration

Manager Technical Area Municipality of Montepulciano (SI)

January 1999 - February 2001 (2 years 2 months)

Direction and coordination of the three sectors of the Technical Area: Urban Planning and Private Construction, Public Works, Heritage and Maintenance.

Chief of Technical Area Municipality of Asciano (SI)

April 1997 - December 1998 (1 year 9 months)

Direction and coordination of the two sectors Urban Planning and Private Construction, Public Works and Maintenance.

Training

2000 - SDA Bocconi University (MI) - The Head of Proceedings of Public Works, Bocconi University (32 hours);

1998/1999 - SDA Bocconi University (MI) - The technical services of Local Authorities, Bocconi University (140 hours);

1991 – Local Public Administration of Siena - Qualification of Technician in charge of computerized graphic arts, training course of 497 hours;

academic year **1989/1990 - University of Florence - Faculty of Architecture: Architect, Degree in Architecture and Habilitation to the Profession;**

from jan.**1987** to sept.**1988 - Civil Service** substitutive of the Military;

academic year **1978/1979 - Scientific High School “Galileo Galilei” of Siena: Degree.**

Teaching and Consulting Activities

2012 to present - **Consultant and Trainer** on the application and use of Autodesk REVIT for freelancers, Architects, Surveyors and Designers, with intensive courses of 40 hours;

from September **2019** - Component with voting rights designated by **the National Council of Architects (CNAPPC)** in the Commission **"UNI/CT 033/SC 05 - BIM and digital management of construction information processes"**;

from **2018** to **2020** - **Teacher Training Courses** of **36** hours **"what is BIM"** and **"BIM with REVIT"** on **"BIM"** (Building Information Modeling) and **"REVIT"** (Autodesk) at **Scuola Edile** di Grosseto and **Bluinfo Formazione sas** of Siena, for professionals with Voucher Tuscany Region, under and over 40 years old;

from **2015** to **2018** - Accredited **Teacher Training Courses** of 15 hours **"what is BIM"** and courses of 15 hours **"BIM with REVIT"** on **"BIM"** (Building Information Modeling) and **"REVIT"** (Autodesk) at the **Orders of Architects PPC of Siena and Grosseto**;

from **2015** to **2017** - **Teacher** appointed by **"Aruspice - Association for High Education"** within the project **"RESTRUCTURING - Program of productive reconversion in the Tuscan construction sector Innovation actions"** for the **Professional Training Courses** at **Scuola Edile** of **Siena, Arezzo** and **Grosseto** of the module: **"The management and development of innovation in construction companies: the BIM"**;

from **1990** to **1998** - **Teaching Assistant** and collaboration to the Didactics - **University of Florence** - Faculty of Architecture - Dept. of Architecture Design. Course of Urban Design / Course of Exhibition Design and Museography - Prof. A. Breschi

Software used

Autodesk, **AEC Collection 2024 + DOCS** (cloud) - (BIM)

Autodesk, **Fusion 360** - (Modellatore 3D)

Ultimaker, **CURA** - (Slicer per Stampa 3D)

Publications

2007 - **Speaker**: Conference - Round Table **"The case of Quai Branly - investigations on a museum"** organized by the **Department of Philosophy and Social Sciences** and the **Department of Communication Sciences**, Siena.

1994 - “ BOULEVARD - Hypothesis of urban redevelopment in the ex FF.SS area in Colle Val d'Elsa ” - Nuova Immagine Editrice.

It is a feasibility study aimed at drawing up a detailed plan for a "new road axis" adjacent to the old disused station. The research is the result of an agreement between the **Municipality of Colle di Val d'Elsa** and the **Department of Planning** of the **Faculty of Architecture of Florence**. The publication has become a text for the Design Course of Prof. Breschi.

Authors: Daniele Ravagni, Alberto Breschi, Luca Furiozzi, Claudio Mori

Credits and Awards

2023 - Winner BIM&DIGITAL Award Italia

DIGITAL&BIM Italy - CLUST-ER BUILD - ASSOBIM - SAIE Bari - 19-22 October 2023

BIM INITIATIVE of the YEAR:

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DIGITAL&BIM Italy - CLUST-ER BUILD - ASSOBIM - SAIE Bologna - 19-22 October 2022

DIGITAL TECHNOLOGIES for the CONSTRUCTION PROCESS:

Da GIS/OpenDATA a BIM a openBIM (IFC) – Piattaforma GIS+=BIM Plugin di Revit

2017 - Winner BIM&DIGITAL Award Italia

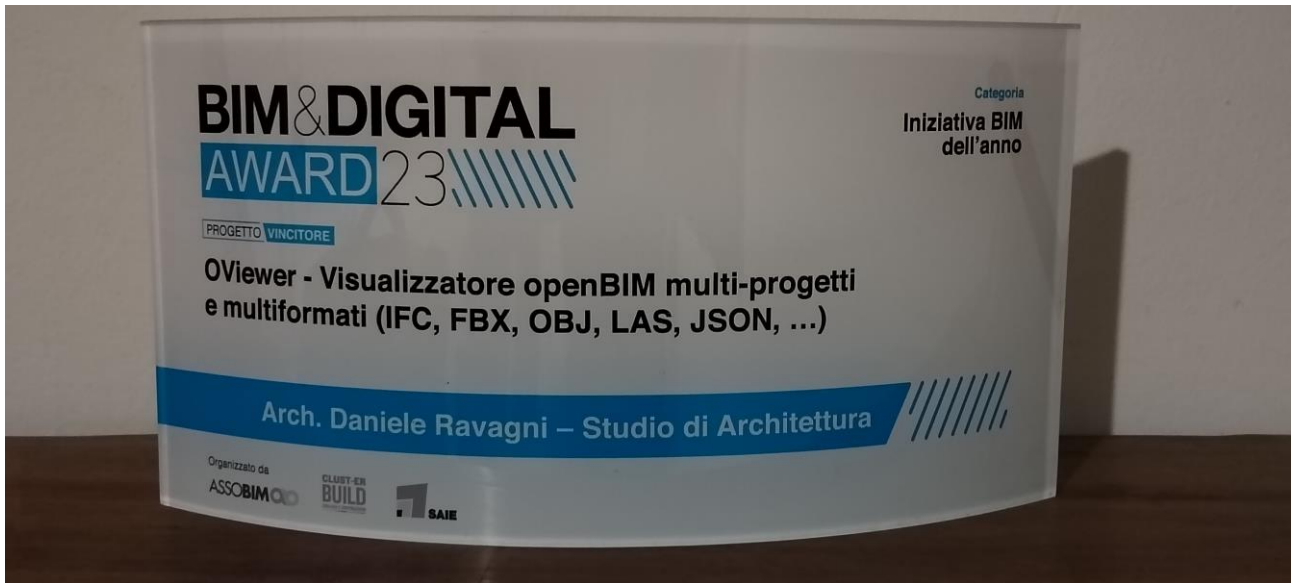
DIGITAL&BIM Italy - buildingSMART ITALY - Bologna Fairs - 19-20 October 2017

RESTORATION AND EVALUATION OF HERITAGE

REQUALIFICATION PROJECT OF THE HISTORICAL BUILDINGS "SALICOTTO" - SIENA

2003 - “Enlargement of the School of Presciano - Siena”, Third Prize at the Design Competition

2000 - “Piazza S. Agostino” - Colle di Val d'Elsa, First Prize ex aequo section Urban Design at the **Marble Architectural Awards 2000** - Italy of Carrara



2023 - BIM&Digital Award





2022 - BIM&Digital Award



PROFESSIONAL RESUME – Synthesis 2023



2022 – Presentazione del Plugin di Revit al SAIE Bologna stand IBIMI bSMART

PROFESSIONAL RESUME – Synthesis 2023



Ordine degli Architetti, Pianificatori, Paesaggisti e Conservatori della Provincia di Grosseto

L'Ordine degli Architetti, Pianificatori, Paesaggisti e Conservatori della Provincia di Grosseto, ad opera della Commissione Eventi Culturali, promuove il seminario:

"INCONTRO CON L'ARCHITETTO DANIELE RAVAGNI"

BIM (Building Information Modeling)



Programma

Ore 14:30	Registrazione dei partecipanti
Ore 14:45	apertura dei lavori , moderatore Luciano Catoni (Coordinatore Commissione Eventi Culturali OAPPC Grosseto) Saluti: Alessandra Moscadelli (Presidente OAPPC GR)
ore 15:00	Intervento di Daniele Ravagni: Presentazione e illustrazione del progetto di riqualificazione dell'edificato storico "Salicotto" a Siena, vincitore del BIM & Digital Award 2017 nella categoria Interventi di Restauro e Valorizzazione del Patrimonio.
ore 16:00	BIM, metodologia innovativa del processo edilizio attraverso l'adozione, creazione e analisi di modelli multi-dimensionali virtuali generati in digitale per mezzo di programmi su computer, quale strumento per l'ottimizzazione della pianificazione, progettazione, realizzazione e gestione di opere edili e/o infrastrutturali.
ore 18:00	Dibattito.
ore 19:00	Chiusura dei lavori

Sede dell'Ordine, via Tripoli, 159 Grosseto
Grosseto, mercoledì 12 dicembre 2018 ore 14:30

La partecipazione al seminario attribuisce 4 CFP.

Ulteriori informazioni si possono avere consultando il sito: <http://www.gr.archiworld.it>

Architetto Alessandra Moscadelli

Presidente dell'Ordine degli Architetti

Pianificatori, Paesaggisti e Conservatori della Provincia di Grosseto

2018 - BIM Seminary - Order of Architects PPC of Grosseto



2017 – Presentation of the Project winner of the BIM&Digital Award Italy - SAIE Bologna, 19-20 October