

**Personal data****Name and Surname** **Kristian Fabbri**

Place and date of birth

Fiscal Card and VAT

Nationality

Address

📞 Mobile

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ORCID Author ID http://orcid.org/0000-0003-0919-7455

Web of Science Researcher ID: H-6053-2019 Reserarcher ID P-5585-2015

Education

1999 Architecture Master Degree, Polytechnic of Milan, Faculty of Architecture

1992 Secondary School Art School Giovanni da Rimini (Rimini), Artistic High School Diploma

National Scientific Qualification

QUALIFIED for ASSOCIATE PROFESSORSHIP to NATIONAL SCIENTIFIC QUALIFICATION (ASN) in the following Sectors:

- Sector 09/C2, Environmental Physics and Nuclear Engineering;
- Sector 08/E2, Restoration and History of Architecture;
- Sector 08/C1, Design and technology design of architecture

Qualification

Since 2020 Registered at Board of Technology Innovation Expert of Ministry of Economic Development (Italy) DM 07.10.2015 e smi

Since 2019 Member of OIPE Energy Poverty Italian Observatory

Since 2019 Registration in the EXPERT LIST to evaluation and verification of research project art.9 DM 16.04.2019 CSEA (Cassa per i Servizi Energetici Ambientali) from 25 june 2019

206-2019 Registration in the TECHNICAL-SCIENTIFIC FIGURE list for professional assignments to diagnosis in cultural heritage for CCR La Venaria Reale.

Since 2016 Registration in the SACE INSPECTORS list of Emilia-Romagna Region, Organismo Regionale di Accreditamento (Regional organism of validation), following DGR 1275/2015

Since 2015 Registered in the REGISTER OF EXPERT PEER REVIEWERS FOR ITALIAN SCIENTIFIC EVALUATION (ELENCO REPRISE del MIUR). Expertise Areas: Applied research and Scientific popularization

Since 2008 Registration to Independent Expert for Energy Performance Certification List of Emilia-Romagna Region n.° 00001

Since 2000 Registration to the Order of Architect of the Province of Forli-Cesena n.1385

Professional experienceSince 2001 **Architect, free-lancer**

Architect free-lancer with expertise in energy, building energy performance and efficiency, energy poverty: design and energy audit, renewable energies; energy performance certificate. Heritage building, historic building retrofit, indoor and outdoor microclimate. Urban comfort. Technical and law consultancy. Research activity and referee evaluator.

2023 ongoing AESS – Agenzia per l’Energia e lo Sviluppo Sostenibile, Modena www.aessenergy.it
Research and Dissemination activity about Outdoor Microclimate and Climate Change impact at urban scale.2023 ongoing ANTHEA S.r.l Società Multiservizi, Rimini www.anthearimini.it
City of Rimini, Green Infrastructure planning, study of Outdoor microclimate simulation state of art and scenarios, urban comfort and Urban Heat Island mitigation strategies.

2023-2024 MALATESTIANA LIBRARY, Municipality of Cesena (FC), Italy



	Manager of the indoor microclimate monitoring of Malatestiana Library UNESCO
09.01.2022– 31.10.2022	ART-ER s.cons..p.a. Bologna Permanent JOB with energy performance certification mansion following art.25-ter Regional Law 26/2004
2006–2021	ART-ER, ex ERVET, ex NuovaQuasco, Bologna TECHNICAL EXPERT AND CONSULTANT to ENERGY PERFORMANCE CONTROL ORGANISM. Activity: (i) writing law and standard; (ii) technical advices; (ii) PAES – SEAP sustainable energy action plan • EPC INSPECTION / INSPECTOR COORDINATOR.
09.22.2021– 31.12.2021	AESS - Agenzia per l'Energia e lo Sviluppo Sostenibile, Modena URBAN COMFORT AND OUTDOOR MICROCLIMATE. Microclimate simulation with Envi-met software, outdoor map, report and data analysis.
06.12.2019– 06.02.2020	National Research Council – IBE CNR OUTDOOR MICROCLIMATE. Microclimate simulation with Envi-met software, outdoor microclimate map, report and data analysis.
20.07.2018– 30.09.2018	Medicina Municipality. Public Work Office, Medicina (BO) URBAN REGENERATION AND OUTDOOR MICROCLIMATE • Simulation of climatic effects in the urban system at urban micro-scale: state of art and scenarios by Envi-met software; outdoor microclimate maps and exploitation
26.02.2016– 31.03.2016	ADISU Provincia di Perugia, Perugia ENERGY AUDIT AND ENERGY PERFORMANCE CERTIFICATION Energy audit and energy performance certificate to promote energy retrofit European Regional Development Fund (ERDF) (2014-2020)
29.12.2014– 30.06.2015	EMILIA-ROMAGNA REGION - Urban development planning department URBAN COMFORT. Consultant at Research Project Republic-Med (REtrofitting PUBLIC spaces in Intelligent MEDiterranean Cities): Project REBUS® - RENovation of public Buildings and Urban Spaces
08.10.2014– 30.10.2014	ERVET – Emilia-Romagna valorizzazione economica territorio, Bologna Specialistic support to Project B.3 Support to politics for competitiveness and employment, (ERDF - European Regional Development Fund), Annual Program 2014 (DGR 2143/2014).
30.12.2013– 31.05.2014	EMILIA-ROMAGNA REGION - Urban development planning department URBAN COMFORT. Consultant at Research Project Republic-Med (REtrofitting PUBLIC spaces in Intelligent MEDiterranean Cities) workpackages.
2015	CNA FORLI-CESENA, Forlì (FC) URBAN REGENERATION. Building energy audit
2013–2014	ASSOACQUISTI scarl, Modena Tutor and Scientific Supervision for the Project: Technology orientaton of productive sector in Emilia-Romagna District 4 – Material and technologies for Building Sector.
2012–2017	ANCI Emilia-Romagna ANCIOM srl, Bologna Energy Manager Consultant. Technical and scientific consultant about energy efficiency buildings research and study, Covenant of Major policies and stakeholders improvements to improve SEAP (Sustainable Energy Action Plan). White Certificate by GSE.
2007–2013	CNA EMILIA-ROMAGNA – REGIONAL PMI ASSOCIATION, Bologna ENERGY EFFICIENCY. Technical Consultancy about energy and building sector, Energy Certification, Energy Efficiency, White Certificate, Renewable Energy sources White Certificates, courses and workshop.
2009–2013	NUOVA ENERGIA srl Energy Services Company (ESCo), Bologna ENERGY EFFICIENCY. White Certificate: Energy efficiency project to present request at AEEG (Italian Energy Authority) and White Certificate buying and selling at Mercatoelettrico (GME).
2007–2017	ENERWELL Enerwell srl, San Piero in Bagno (FC) ENERGY EFFICIENCY. White Certificate: Energy efficiency project to present request at AEEG (Italian Energy Authority) and White Certificate buying and selling at Mercatoelettrico (GME).
01.01.2009– 31.12.2009	CEIR Soc.Cons.Coop - Via G. di Vittorio, 64 48100, RAVENNA Temporary Manager: market analysis of high performance building, studies and proposal of feasibility in building energy efficiency

Research Experience



2021	“CapsulART”. IMPROVE HEALTH AND BUILDING CONSERVATION OF MUSEUM AND HERITAGE BUILDING ● DEPARTMENT OF ARCHITECTURE, UNIVERSITY OF BOLOGNA
2018 - 2020	ROCK Regeneration and Optimization of Cultural heritage in creative and Knowledge cities, HORIZON 2020. ● DEPARTMENT OF ARCHITECTURE, UNIVERSITY OF BOLOGNA Call ROCK Regeneration and Optimization of Cultural heritage in creative and Knowledge cities, HORIZON 2020. Assignment for Task 2.4: Large scale demonstrators in Replicators Cities. Indoor and outdoor microclimate evaluation and on site monitoring (Contract signet 01.10.2018)
2019	POSITIVE ENERGY DISTRICT ● DEPARTMENT OF ARCHITECTURE, UNIVERSITY OF BOLOGNA Assignment to evaluation of knowledge framework following open data about energy, building, economy and social data about Positive Energy District (PED) e fuel poverty
2013 - 2015	SCIENTIFIC EXPERT TO EVALUATE INDOOR MICROCLIMATE AGREEMENT BETWEEN OPERA PIA FACCIO Fricheri and DEPARTMENT OF ARCHITECTURE, UNIVERSITY OF BOLOGNA Research Group Member and Scientific Representative in Research Agreement between Fondazione Centro Conservazione e Restauro “La Venaria Reale” and University of Bologna, Dept. of Architecture Prof. Marco Pretelli. Historic indoor microclimate and historic HVAC systems, Building Performance Simulation e Thermal comfort indoor e outdoor

Doctoral Ph.D Degree committee and opponent reviewer

2022, ongoing	M.A. De Vivo, Technological innovation for improvement of use and conservation of cultural heritage, XXXVII cycle, BANDO PON “Ricerca e Innovazione 2014-2020”; Prof. M. Pretelli; Co-tutor: K. Fabbri, L. Signorelli; UNIVERSITY OF BOLOGNA, DEPT. OF ARCHITECTURE, ITALY
2017 - 2021	A. Bonora, Preventive conservation and microclimate management, XXXIII cycle, Tutor: Prof.M. Pretelli; Co-tutor: K. Fabbri; UNIVERSITY OF BOLOGNA, DEPT. OF ARCHITECTURE, ITALY
2013 - 2019	G.Litti, Criteria and Methods for reversible energy retrofitting intervention in Historical Buildings. Analysis of the potential operational and economic benefits, promoter A. Audenaer, co-promoter J. Braet, SCIENTIFIC TUTOR: K.FABBRI, MIBLAB, Applied Engineering Faculty; UNIVERSITEIT ANTWERPEN, BELGIUM
2017	S. Mancik, Sustainability assessment of existing buildings. Introducing historical value into the multi-criteria assessment of buildings” branch of study Building Engineering, Tutor: J. Ruzicka CZECH TECHNICAL UNIVERSITY IN PRAGUE, CZECH REPUBLIC.
2010 - 2013	G. Chierigato, Decay factor and energy retrofit in high people density social housing. The case of Pilastro district of Bologna, XXV cycle, Tutor: A. Boeri; Co-tutor: K. Fabbri; UNIVERSITY OF BOLOGNA, DEPT. OF ARCHITECTURE, ITALY
2009 - 2012	M. Zuppiroli, Energy performance evaluation in historic building of old town of Ferrara, XXIV ciclo, Tutor: R. Fabbri; Co-tutor: K. Fabbri; UNIVERSITY OF FERRARA, ITALY
2008 - 2011	K. Ambrogio, Definition of Energy Behaviour Factor in historic building of old town of Ferrara, XXII cycle; Tutor: R. Fabbri; Co-tutor: K. Fabbri; UNIVERSITY OF FERRARA, ITALY

Evaluation Experts

2022 – ongoing	INDEPENDENT EXPERT, CETP - Clean Energy Transition Partnership (https://cetpartnership.eu/)- European Strategic Energy Technology Plan (SET Plan), Nordic Energy Research, CETParteship Evaluation Expert for Call 2022 and Call 2023
2023	CSEA – Cassa per i Servizi Energetici Ambientali, Public Body, Rome EXPERT EVALUATOR of energy audit programme of Region in order to save energy on public administration.
2020	EUROPEAN SCIENCE FOUNDATION, STRASBOURG (France) ESF College of Expert Reviewers Valuation of an application submitted in the frame of FWO Call for Junior and Senior Research Projects.
2019	EEA European Environment Agency - Research Programme EVALUATOR EXPERT-REVIEW to EEA Grants - Collaborative Research Projects (RONO2019) EEA Research Programme 2014-2021 Call. UEFISCDI
10/2019– 01/2020	EUROPEAN COMMISSION – RESEARCH EXECUTIVE AGENCY ENERGY EXPERT CONSULTANT ● EASME, evaluation of the proposal submitted HORIZON, Call for proposal H2020.
11/2012– 01/2013	EUROPEAN COMMISSION - RESEARCH DIRECTORATE GENERAL ENERGY EXPERT CONSULTANT ● Call for proposal FP7-2013 Integrated control systems and methodologies to monitor and improve building energy performance
2013 - 2014	NUOVAQUASCO cons.r.l., Bologna



	Role of TECHNICAL EVALUATOR of the Announcement of Research and Development project about SME
2012 – 2014	CCSE Cassa Conguaglio per il Settore Elettrico EXPERT EVALUATOR of energy audit program of Region in order to save energy on public administration.
2013	Emilia-Romagna Region, Public Body Evaluation committee for Energy retrofit Building's Public Body, DGR 921/2012: Bando 50 tep (Det. n.°14411 del 12.11.2013); Evaluation committee for photovoltaic financing, (Det. n.°9778 del 03/08/2011)

University Teaching Activity

	University of Bologna, Department of Architecture, Italy
AA 2022/2023- AA 2016/2017	Adjunct Professor of the course ENERGY EFFICIENCY DESIGN AND BUILDING PERFORMANCE EVALUATION
AA 2015/2016- AA 2008/2009	Adjunct Professor of the course ENERGY BEHAVIOUR DESIGN (EBD)
AA 2024/2025- AA 2009/2010	Adjunct Professor of the course ENVIRONMENTAL PHYSICS TECHNIQUE II
AA 2014/2015- AA 2013/2014	Adjunct Professor of the course ENVIRONMENTAL PHYSICS TECHNIQUE I
AA 2008/2009 AA 2005/2006	Adjunct Professor of the course TECHNICAL PHYSICS
AA 2013/2014- AA 2001/2002	Tutor of the course ENVIRONMENTAL PHYSICS TECHNIQUE

Publication

Author and Co-Author to 86 research articles on international journal with Peer Review and articles in International Congress • Editor and author of book or chapter to international editor as Springer and Elsevier • Author of technical handbook or chapter and article on national journal, in Italian language • Member or editorial board of journals and book. Reviewer of international scientific journals.

Personal skills

- *Language*

Mothertongue: Italian

Other Language: English

- *Social skills*

Skill to relate with different kinds of people, with clear and competent manner, with no problems to speak in public. Participation to teamwork and/or meetings in different contexts: administrative, business, research and university, or even in professional activities. Skill to produce articles and report.

- *Organisational and technical skills*

Skill to organize work in order to acknowledge and define priorities, respect term-times and undertake responsibilities, both as free-lancer or in an organization/team (entrepreneur, administrative, research). Skill to study and research, to perform energy and economy audit.

- *Information technology IT skills*

Windows and Office package • Building Physics software (e.g. Energyplus, Envimet) and Thermo technical software • ACAD and Adobe suite

- *Art and design skills*

Ability to manual draw, sketch learn during art high school. I like reading and writing technical and fiction subject.

- *Writer author*

K. Fabbri, TRICERATOPO. Italic-Pequod (2015) • K. Fabbri SPEER Architecture and Power, Libria Editore (2016) • Theater Drama CARNOT (2016) • Monologue SPEER Architettura e l'è potere (2015) • K.Fabbri, C.Casadei, SAUROMACHIA, Italic-Pequod (2019) • K.Fabbri, Liberare il bambino, Melville edizioni (2023)

In compliance with the Italian legislative Decree no. 196 dated 30 June 2003, and art. 13 of GDPR 2016/670 dated 27 April 2016 Regulation UE on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, I hereby authorize you to use and process my personal details contained in this document.

Kristian Fabbri