



Personal data

Name and Surname **Kristian Fabbri**

Place and date of birth

Fiscal Card and VAT

Nationality

① Mobile

✉ E-mail PEC

SCOPUS Author ID 23993762300 (h-index = 26, Documents 89, Cited by 1775, Last visit: 10.02.2025)

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

- Enrolment in the ORDER OF ARCHITECTS of the Province of Forlì-Cesena, n.1385

- Enrolment in BOARD OF TECHNOLOGY INNOVATION EXPERT of Ministry of Economic Development, Italy, DM 07.10.2015.

- Member of OIPE, Energy Poverty Italian Observatory

- Enrolment to EXPERT LIST TO EVALUATION AND VERIFICATION OF RESEARCH PROJECT (art.9 DM 16.04.2019) CSEA (Cassa per i Servizi Energetici Ambientali)

- Enrolment as TECHNICAL-SCIENTIFIC FIGURE to list for professional assignments to diagnosis in cultural heritage for Centro per la Conservazione ed il Restauro dei Beni Culturali (CCR) La Venaria Reale.

- Enrolment in REGISTER OF EXPERT PEER REVIEWERS FOR ITALIAN SCIENTIFIC EVALUATION (REPRISE) of MIUR Ministry of University. Expertise Areas: Applied research and Scientific popularization

- SACE EPC INSPECTOR list of Emilia-Romagna Region, Regional organism of validation

- INDEPENDENT EXPERT FOR ENERGY PERFORMANCE CERTIFICATION list of Emilia-Romagna Region n.° 00001

Professional

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.**HERITAGE BUILDING** Malatestiana Library (UNESCO) manager of the indoor microclimate monitoring (2023-2024) and University of Bologna Library (project Ecosister Univ. Bologna).**URBAN REGENERATION, URBAN COMFORT 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, on behalf of AESS (Energy and Sustainability Agency, Modena), National Research Council (IBE – CNR), Public Works office of Municipality of Medicina (BO) and Emilia-Romagna Region, public body correlated to REBUS and Republic-Med project.**URBAN HEAT ISLAND** mitigation strategies for Green Infrastructure planning City of Rimini, Italy (ANTHEA)**INDEPENDENT EXPERT** Energy Performance Contracto (EPB) following EPBD for Emilia-Romagna Region**TECHNICAL EXPERT AND CONSULTANT** to ENERGY PERFORMANCE CONTROL ORGANISM and EPC INSPECTION COORDINATOR. Activity: (i) writing law and standard; (ii) technical advices; (ii) PAES – SEAP sustainable energy action plan technical support about energy efficiency, on behalf of ART-ER, ERVET and NuovaQuasco.

ENERGY AUDIT and CERTIFICATION on behalf of ADISU Perugia (POR-FERS) and CNA Forlì-Cesena.



ENERGY EFFICIENCY, WHITE CERTIFICATE and ENERGY MARKET on behalf of per conto di ANCICOM srl, CNA Emilia-Romagna, NUOVAENERGIA srl e ENERWELL srl.

Research experience

Research Assignment on behalf of University of Bologna, Department of Architecture, in the following research:

- NexGenerationEU PNNR, ECOSISTER for Sustainable Transition
- CAPSULART, improve health and building conservation of museum and heritage buildings, with Archeological National Museum of Naples as case study;
- ROCK Regeneration and Optimization of Cultural heritage in creative and Knowledge cities, HORIZON 2020, with indoor microclimate simulation of heritage building University Library and outdoor microclimate evaluation;
- Positive Energy District (PED), evaluation of knowledge framework following open data about energy, building, economy and social data;
- Scientific expert to evaluate indoor microclimate agreement between Opera Pia Faccio Frichi and University of Bologna, Department of Architecture
- Malatestiana Library (UNESCO) in Cesena, indoor microclimate monitoring.

Doctoral Ph.D Degree committee and opponent reviewer

Attività di co-tutor delle tesi di Dottorato con l'Università di Bologna (3 Ph.D) di Ferrara (2 Ph.D), Internal Doctoral Ph.D to Applied Engineering Faculty, University of Antwerp and Opponent Reviewer Ph.D to Czech Technical University (CTU) in Prague, Czech Republic.

Evaluation Experts

Evaluation Expert, Technical Evaluator and energy expert consultant on behalf of EUROPEAN COMMISSION RESEARCH EXECUTIVE AGENCY (EASME), Evaluation of the proposal submitted to call HORIZON 2020 and FP7; Independent Expert CETP Clean Energy Transition Partnership since Call 2022 and 2023; EUROPEAN SCIENCE FOUNDATION (ESF). Moreover on behalf of Emilia-Romagna Region evaluation committee for energy retrofit building's and photovoltaic financing; CCSE and CSEA evaluator of energy audit programme of Italian regions in order to save energy on public administration.

University teaching activity

Adjunct professor of the courses Energy Efficiency Design and Building Performance Evaluation (since Y.A. 2008/2009) and Environmental Physics Technique (since Y.A. 2005/2006). Previously Tutor of other courses about Environmental Physics and Building Physics since Y.A. 2001/2002.

Publication

Author and Co-Author to 89 research articles on international journal with Peer Review and articles in International Congress • *h-index*: 26 • 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**

Mother tongue: Italian Other Language: English

• **Social, organisational and technical skills**

Skill to relate with different kinds of people, with clear and competent manner, with no problems to speak in public. Skill to produce articles and report. Skill to organize work: acknowledge priorities, respect term-times and undertake responsibilities, both as free-lancer or in an organization/team (entrepreneur, administrative, research). Report and debate about heritage, energy, building and construction sectors. Ability to study National and European standards, laws and regulations.

• **Information technology IT skills**

Windows and Office package • Energy and thermal simulation software: Energyplus, IESVE, ESPr, Ecotect, Envimet and same softwares. Thermo technical software: Edilclima EC 601, Termolog, TERMO. • Autocad and Adobe suite

• **Writer as author**

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

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Kristian Fabbri