
Prof. Antonella GUIDA

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CURRICULUM

SCIENTIFIC AND ACCADEMIC ROLES

Architect and Full Professor - SSD ICAR 10 Building Technology and Design, University of Basilicata (USB), Subdirector of DiCEM - Department of European and Mediterranean Culture: Architecture, Environment and Cultural Heritage. (since 12/2020 DR421)

Coordinator of PhD Course "CITIES AND LANDSCAPES: ARCHITECTURE, ARCHAEOLOGY, CULTURAL HERITAGE, HISTORY AND RESOURCES", Matera (Italy).

He is a member of the Board of the National Doctorate, Administrative Office DADI_ Department of Architecture and Industrial Design, University of Campania "Luigi Vanvitelli, "Design for Made in Italy. Identity, innovation and sustainability." and coordinator and lecturer of Curriculum No. 5 "Cultural Heritage of Made in Italy".

Member of the teaching staff of the DiCEM "Cities & Landscapes" research doctorate since 2013 and of the "Building Engineering" Doctorate of the Polytechnic of Bari from 2001 to 2012.

Head of School of Architecture of Matera since 03/2014 until 02/2022.

Member of the CUIA_Italian University Conference of Architecture since 03/2014 to 02/2022.

Coordinator for international mobility of DiCEM since 2016.

Associate with the National Research Council (Institute of Heritage Science), Institute for Archaeological and Monumental Heritage CNR-IBAM from 2015 and with CNR-ISPC Institute for Cultural Heritage Sciences from 2020 on the research "Project of a decision support tool, essential for the planning of preventive maintenance interventions".

He is enrolled in REPRISE for the sections of basic research and competitive industrial research and for social development.

She is a member of the Superior Council of Public Works for the three-year period 2020-2023, with Ministerial Decree n.85 of 19/02/2020.

Vice President and Member of the Board of 'Basilicata Creativa', Cluster of Cultural and Creative Industries-Smart Specialization Strategy of Basilicata (S3).

Member of the Board and Treasurer of ArTec (Italian Scientific Association of Technical Architecture).

Member of the Scientific Council of the Italian Institute of Castles.

Member for USB of the Board of the Interuniversity Research Center "Seminario di Storia della Scienza", of the University of Bari Aldo Moro.

In 2019, she was named an Honorary Citizen of the Royal City of Galdar, the pre-Columbian capital of Gran Canaria.

She is Director of the 'Ciudad Superpuestas' course in Galdar and Telde, Gran Canaria (Spain)(2022).

Member of several competition commissions in various Italian universities and Research centers.

Member of several ASN competition commissions for full, associate and RtdB positions in various Italian universities.

Member of the Commission for the evaluation of the recruitment of CNR Research Managers.

She was a member of the judging commission for the design competition for the presentation of project proposals for the construction of new public school buildings through building replacement, to be financed under the PNNR, Mission 2 - Green revolution and digital transition - Component 3 - Energy efficiency and redevelopment of buildings – Investment 1.1: “Construction of new schools by replacing buildings”, funded by the European Union – Next Generation EU.

Nominated referee and member of the evaluation commission of PhD final exams in other universities.

President and effective member of the State Examination Commissions for Architect Profession (Matera) and for Engineer Profession (Potenza).

President of the Degree Commission in Architecture from 2014 and Member for the School of Engineering.

Reviewer for the evaluation of projects for the Ministry of Education, University and Research in 2014.

Contact person for CINECA for the PRIN 2011 and 2013, Future in research and SIR 2014 projects.

Professor in Technical Architecture, Architectural Technology, Projects for building recovery and renovation and Light Design.

She is responsible for the Open Badge Course_3D urban models_ acquisition, modeling and perspectives for urban planning and monitoring for the House of Emerging Technologies in Matera

Member of the scientific committees, referee and nominated several times chairman of the various editions of international conferences.

Organizer, scientific coordinator of international and national conferences, such as REUSO2019 and Reuso 2022 Porto (International Conference on the documentation, conservation and recovery of the architectural heritage and landscape protection), Domodry 2019 (CNT-Apps–International Conference TECHNOLOGIES FOR THE RECOVERY OF THE BUILDING), Cicop 2018 (XIV International Conference for Rehabilitation of the Heritage - The conservation of the artistic, architectural, archaeological and landscape heritage), ColloquiATe 2016 (Conference of the Scientific Society ArTec-MATER(i)A).

Scientific coordinator of International Workshop HERITAGE AND VERNACULAR ARCHITECTURE Cappadocia, Turkey (April 2019).

Member of the scientific committee, referee and nominated several times chairman of the various editions of international conferences, including: REHABEND, STREMAH, REUSO, COLLOQUI.AT.E, EXCO, ecc.

She has delivered numerous invited lectures abroad on cultural heritage issues and has been Visiting Professor and invited lecturer at national and international seminars, such as (Porto, Las Palmas, Valencia, Portovijeco (Ecuador), Cartagena de Indias, etc.).

Proponent and teacher of the II level University Master in HERITAGE & PROJECT "Protection, conservation and recovery of the Architectural and Landscape Heritage" ELARCH, 2016/2017.

Lecturer in doctorates, masters, national and international specialization courses, of which he is tutor of several theses.

RESEARCH ACTIVITIES and COORDINATION

Editor and reviewer of national and international scientific journals and editions.

She has reviewed papers for the following MDPI journals in the period 2021–2023: Heritage, Geosciences.

Peer reviewer of the JPICH "Heritage Plus".

Member of scientific committees and reviewer of Class A journals in the CUN 08 area.

Editor and reviewer of the Special Issue of "Journal of Architectural Heritage" (Taylor and Francis) ANVUR "CLASS A" Journal for the Area 08, Print ISSN: 1558-3058 Online ISSN: 1558-3066.

Editor and reviewer of the Special Issue of "Applied Sciences" MDPI ANVUR "CLASS A" Journal for the Area 08, ISSN 2076-3417.

Member of the Scientific Committee and reviewer of the scientific journal "VITRUVIO-International Journal of Architectural Technology and Sustainability" ANVUR "CLASS A" Journal for the Area 08, ISSN: 2444-9091.

Member of the Scientific Committee and reviewer of the scientific journal "TEMA" ANVUR "CLASS A" Journal for the Area 08, ISSN ONLINE 2421-4574.

Member of the Scientific Committee and reviewer of the scientific journal "MODULO" Anvur Scientific Journal Area 08, ISSN 0390-1025 e Modulo.net (<https://modulo.net/it/pages/comitato>).

Member of the Scientific Committee and reviewer of the scientific journal "PATRIMONIO INDUSTRIALE" di AIPAI - Associazione Italiana per il patrimonio Archeologico Industriale, ISSN: 2037-2353 ISSN: 2037-2353 Anvur Scientific Journal Area 08

Membro del Comitato Scientifico della Collana "L'arte del fabbricare", Ed. Luciano s.a.s. di G. Luciano e C.

Scientific director of the series of mini-prints "Quaderni di Tecnologia dell'Architettura" and "Quaderni di Laboratorio di Tesi: Architettura ed Eredità del Costruito" Editor Favia.

Member of the CIB W86 Commission - Building Pathology, International Council for Building. She participated in the drafting of the "New W086 State of the Art Report".

She is scientific coordinator of several research groups for projects of national and international relevance.

She was responsible of 4 editions (2019-2022) of EXCO International Itinerant Exhibition_Research in Building Engeneering

She was responsible for numerous research grants and agreements with public and private bodies.

PRIN 2009-Scientific Coordinator UR USB "Metodologie innovative per la riqualificazione energetica ed il recupero prestazionale del patrimonio edilizio esistente strutturato in geocluster".

SMART BASILICATA_ General coordination and scientific director of OR4 entitled "SMART CULTURE AND TOURISM" of the project "Smart Cities and Communities and Social Innovation.

SMART CITIES and COMMUNITIES & Social Innovation, General coordination for USB since 2013 and National Scientific manager since 2018, "Innovazione di prodotto e di processo per la manutenzione, la conservazione e il restauro sostenibile per i beni culturali".

Scientific manager for USB of NATIONAL CLUSTER CTN02_00053 "Design next Made in Italy"(MinInt) and of NATIONAL CLUSTER CTN02_00015 TICHE-Innovazione tecnologica nei beni culturali.

Scientific manager for USB of industrial research project and not of experimental development, entitled "SMACH_Smart Cultural Heritage Innovation".

Responsible for the DiCEM-USB of the Research Infrastructure Enhancement Project IRPAC "INFRASTRUTTURA TECNOLOGICA E DI RICERCA PER LO STUDIO DEL PASSATO UMANO, LA CONSERVAZIONE E GESTIONE DEL PATRIMONIO CULTURALE", with the aim of increasing the potential for further development on the regional territory of a technical-scientific reality in the two Nodes CNR-UNIBAS (DGR 15AB.2020/D.01795 del 6/12/2020).

Responsible for the DiCEM-USB of the Project "HERITAGE SMARTLAB", one of the European poles for Digital Innovation in the field of Cultural Heritage (Leader Cluster Basilicata Creativa).

Responsible for the DiCEM-USB of Project CTEMT (Casa delle Tecnologie Matera) P.O.N. RICERCA E COMPETITIVITA; 2007-2013 - Azione II "Interventi di sostegno alla ricerca industriale".

Coordinator of the OPEN Badge OB2 course rD Urban Models: acquisition, modelling and perspectives for urban planning and monitoring" OPEN BADGE UNIBAS - CNR_CTEMT (House of Emerging Technologies Matera)

Scientific Coordinator of the Project Next Generation UE - PNRR "Tech4You Project" - Technologies for climate change adaptation and quality of life improvement", Line "5. Climate, Energy and Sustainable Mobility", ECS00000009_funds assigned to Basilicata University. Spoke 4_Goal 4.2 Cultural Heritage and Place Identity: Open Design, Innovative Management and Smart Tourism, and Responsible of Pilot Project 4.2.1 - Materials, Architecture and Design: Open Knowledge and innovative digital tools for Cultural Heritage and of Goal Action 4 (UNIBAS) - Heritage Architectural Elements from Digital Library to Digital Twin Model.

Scientific Coordinator for USB for CNT-Apps Project.

Responsible for numerous RIL research grants and agreements with public and private entities.

He was President of the academic 'SPIN OFF' 'Casa Mediterranea', for experimental diagnostics on materials and energy containment in buildings.

Member of the Diocesan Commission for Sacred Art and Cultural Heritage and she works as a consultant for public and ecclesiastical entities on the restoration and enhancement of cultural heritage.

AGREEMENTS AND COLLABORATION

She is the referent for numerous international collaboration agreements and double degrees in Architecture between USB-Italy and foreign universities.

Promoter and manager of the winning project for the KA107 International Credit Mobility Action Russia Federation, Kazanskiy Gosudarstvenniy Arhitekturno-Stroitelniy Universitet.

Promoter and manager of the educational and scientific collaboration agreement between the University of Florence and USB since 2015/16.

Co-contact person for the project Erasmus Mundus Action 2-ELARCH - Euro-Latin America partnership in natural Risk mitigation and protection of the Cultural Heritage 2014-2018.

Professor and thesis tutor of the two-year joint II° Level University Master, SAHC (Structural Analysis of Monuments and Historical Construction) University of Minho_Portugal and UniBas-P&P - Heritage and Project for the "ELARCH" Project, Erasmus Mundus.

Referent of three international collaboration agreements of the double degree of Architecture between USB-Italy and University of San Gregorio de Portoviejo Ecuador, University of Oriente de Santiago de Cuba and University of Cartagena de Indias (Colombia).

Contact person for the International Framework Agreement between USB(DiCEM) and Glasgow Caledonian University(GCU) and Strathclyde University Glasgow.

Referent of many framework agreements for research and international mobility with European and world countries.

Her scientific production consists of over 200 papers published in various national and international journals, books and conference proceedings.

The scientific interest is oriented to the technical and technological aspects of the building, inducing the impact on the formal aspects at the different scales of the urban and construction process.

The most investigated area of research is the recovery of the existing building, cultural and industrial heritage. Other themes include experimental investigations to understand the environmental and technical characteristics of residential contexts and to achieve a satisfactory level of living comfort.

Another scientific interest is the most recent declination of smart management of Cultural Heritage, starting from an integrated digital knowledge through the use and implementation of ICT.

A specific investigation area is the innovative architectural heritage management process, digital tools for maintenance and durability monitoring of Sassi of Matera (Italy) between history and contemporaneity.

She is scientific, architectural and technical consultant in numerous restoration works, conservative restoration in the Sassi of Matera, to be adapted to public and accommodation facilities. She has repeatedly been appointed to public procurement selection commissions on the recommendation of UniBas/DiCEM.

On a professional level, she carries out consultancy work for administrations and public bodies and professional assignments on the rehabilitation of settlements in areas and monuments of historical value, the application of innovative technologies, and the environmental-architectural enhancement and redevelopment of historical centers.

Winner, with different teams, of competitions design concerning new construction and architectural, urban, and functional redevelopment.

With reference to professional experience for public clients, the main activities performed relate to the drafting of operational plans, town planning regulations, and variants of General Regular Plans, for municipalities in the province of Matera.

For private clients, the design has involved both new construction and the restoration of monuments and the recovery of settlements in areas of environmental and monumental value, with a prevalent vocation for tourism and accommodation, as well as projects for sports and spa facilities.

A common and founding element of the design approach and methodology is manifested in the focus on and use of bioclimatic technologies for new interventions and the environmental-architectural enhancement and redevelopment of historic centers.

She was a councilor as a technical expert for the Municipality of Matera 2007/2009.