

Rita Valenti

- **From 19-01-2011**
Scientific coordinator of the “Laboratory of Representation”, University of Catania, Special Didactic Structure of Architecture based in Siracusa.
- **From 01-02-2005**
Associate professor of the Scientific Sector ICAR/17 Drawing at University of Catania, Department of Civil Engineering and Architecture, Special Didactic Structure of Architecture based in Siracusa, Italy
- **Academic Years 1999-00, 2000-01, 2001-02, 2002-03**
Research Fellow at the Scientific Sector ICAR/17 Drawing
Research Program “A plan for Ortygia. Mapping and Representation of its historical stratification and of the quality of its buildings”
- Member of UID Society (Italian Union for Drawing), scientific society accredited in accordance with n. 92 resolution of the ANVUR Board of Directors “Relationship between ANVUR and Scientific Societies”, 16-09-2014

EDUCATION AND TRAINING

- **From 1989 to 1992**
University of Reggio Calabria, partner institutions Firenze, Milano, Venezia and Bari: Research Doctorate in Evaluation Methodologies in Urban and Architectural Planning
Title of the thesis: *Two-stage evaluation procedure in the formations of a priority framework for recovery activities in an urban centre*; considered as worth publishing by the Doctorate teachers' Board
PhD
- **1987, 10th April-20th June**
Order of the Engineers, Catania
Professional training course on Criteria and methodologies for the static restoration of building heritage
- **1987**
Order of the Engineers, Catania
Qualification to practice engineering
Engineer
- **1986**
Accademia Petrarca di Lettere, Arti e Scienze di Arezzo
Scholarship
- **A.Y. 1985-86**
University of Catania-Department of Engineering: University Degree in Civil Engineering, Construction Division, Field of Architecture and Planning; marks 110/110 with honours
Thesis mentioned and awarded one of the thirty IRFIS study prizes for the ac. year 1985-86
Doctor in Engineering

TEACHING

Teacher in the course of Architecture and in the course of Science of Architecture and Civil Engineering at SDS of Architecture, Siracusa.

- 2017-18, 2016-17 "Drawing and Survey of Architecture" and "Graphics and Management of Digital Images" in the course of Architecture at SDS of Architecture, Siracusa
- 2015-16, 2014-15 "Fundamentals of Representation at Laboratory of Project One"
- 2015-16, 2011-12 "Representation 3"
- 2013-14, 2012-13, 2010-11, 2009-10 "Representation 1"
- 2010-11, 2008-09 "Survey of Architecture"
- 2007-08, 2006-07, 2005-06 "Fundamentals and Applications of Descriptive Geometry"
- Member of the Teachers' Board with teaching assignments within the Research Doctorate "Theory and History of Representation Methodologies", in the XXII, XXIII, XXIV cycle (Coordinator prof G. Pagnano) from 01-11-2006 to 31-10-2011

Other teaching:

- 2007-08 teaching "Survey Techniques" in the Master Course "Innovative Survey Technologies for the degradation and for the restoration of Cultural Heritage"
- 2005 teaching position in the IFTS Project "Expert technician for architectural survey, representation and graphic rendering" Module of Architectural Survey 1

ORGANIZATION OR PARTICIPATION AS A SPEAKER IN SCIENTIFIC MEETINGS IN ITALY OR ABROAD

- Speaker at the international meeting: 1st International Congress on "Science and technology for the safeguard of cultural heritage in the mediterranean basin", 27 Nov-2 Dec, Catania-Siracusa 1995, Session A: Historical cities, with the relation "A methodology for the restoration of historical centres". from 27-11-1995 to 02-12-1995
- Participation in the meeting "DISEGNO AUTOMATICO E ARCHITETTURA tra maquettes concrete e modelli virtuali", Palazzo Gravina, Napoli, 19 Feb 2004, with the presentation of the book "Architettura e simulazione". from 19-02-2004 to 19-02-2004
- Speaker in the international Workshop for Architecture, on the occasion of the ten year activity of the Department of Architecture 1997-2007, "La Villa del Casale a Piazza Armerina conservazione del sito e servizi per i visitatori" Piazza Armerina- Siracusa, 25 Mar- 4 Apr 2007, with the relation "La rappresentazione del dialogo tra luogo e progetto". from 25-03-2007 to 04-04-2007
- Speaker at the meeting: on the occasion of the ten year activity of the Department of Architecture 1997-2007 "La visione sacrale in Tarkovskij" Siracusa 27-28 June 2007, Palazzo Impellizzeri, with the relation "La prospettiva sacrale in Tarkovskij". from 27-06-2007 to 28-06-2007
- Organization and coordination of the Scientific Project for the Exhibition "Modelli in mostra. Tutte le facce del cubo", Palazzo Impellizzeri, Siracusa 25-30 Mar 2010. from 25-03-2010 to 30-03-2010
- Speaker at the international scientific meeting: 13 Congreso Internacional de Expresion grafica arquitectonica "Nuevos medios graficos, nueva arquitectura", Valencia, 27-29 de mayo de 2010, Spain, with the relation "Dalla complessità alla ricerca della struttura logico-geometrica".

- from 27-05-2010 to 29-05-2010
- Organization and coordination of the Scientific Project for the travelling Exhibition "Machine Designs by Archimedes: Drawings and Models":
 - 9-10 June 2010, within the World Conference THE GENIUS OF ARCHIMEDES 23 Centuries of Influences on Mathematics, Science and Engineering, Palazzo Impellizzeri, Siracusa, Italy;
 - 21- 26 Oct 2010, within "Sicilian Cultural Week 2010", Columbus Centre, Toronto, Canada.
 - from 09-06-2010 to 26-10-2010
 - Speaker at the meeting: "Sicilian Cultural Week 2010" Columbus Centre, Toronto Canada, 21-26 Oct 2010, with the relation "Machine Designs by Archimedes: Drawings and Models"
 - from 21-10-2010 to 21-10-2010
 - Speaker at the international scientific meeting: X Congreso Internacional Expresión Gráfica Aplicada a la Edificación, Alicante Spagna, 2-4 de diciembre 2010, with the relation "Il tema della complessità tra geometria, natura e architettura".
 - from 02-12-2010 to 04-12-2010
 - Speaker at the international scientific meeting: IX Forum Internazionale di Studi "Le Vie dei Mercanti. S.A.V.E. Heritage Safeguard of Architectural, Visual, Environmental Heritage", Aversa-Capri, 9-11 June 2011, with the relation "La modellazione come strumento di controllo e di salvaguardia del patrimonio storico".
 - dal 09-06-2011 al 11-06-2011
 - Speaker in the Workshop of Architecture "Modalità temporanee di ospitalità: la casa dello studente", 20-25 June 2011, Department of Architecture, Abela Barracks, Siracusa, with the relation "La percezione dello spazio tra materia e geometria".
 - from 20-06-2011 to 25-06-2011
 - Speaker at the scientific meeting: Giornate di Studio "Il disegno delle trasformazioni", 1-2 Dec 2011, Department of Engineering, University of Napoli "Federico II", Napoli, with the relation "Il disegno geometrico fulcro dell'idea".
 - from 01-12-2011 to 02-12-2011
 - Speaker at the meeting: Celebrating π DAY "Noi e il grande Archimede, immagini, suoni e parole per ricordare il filo della nostra storia", Palazzo E.S.A., Catania, 19 -20 Mar 2012, with the relation "Il disegno del pensiero di Archimede: logiche meccaniche e processo ideativo".
 - from 19-03-2012 to 20-03-2012
 - Speaker at the international scientific meeting: 14 Congreso Internacional Expresión Gráfica Arquitectónica "Concursos de Arquitectura", Universidad de Valladolid (España)-Universidad de Lusíada (Porto), Porto, Portugal, 31 de mayo- 2 de junio 2012. With the relation "Comunque un concorso: un'analisi storico-interpretativa del progetto del Tabernacolo di San Pietro di Juan Andrea Ricci".
 - from 31-05-2012 to 02-06-2012
 - Speaker at the international scientific meeting: X Forum Internazionale di Studi Le vie dei Mercanti. Less More Architecture Design Landscape, Aversa- Capri, 31 May-2 June 2012. With the relation "From the complexity of architecture to the knowledge of the construction of Siracusa".
 - from 31-05-2012 to 02-06-2012
 - Speaker at the meeting: ASY- EOS-2012 International Workshop Nuclear Symmetry Energy and Reaction Mechanisms – Meeting "Eureka! Creatività, genio e mistero in Archimede. Alle radici della scienza moderna", Archaeological Regional Museum Paolo Orsi, Siracusa, 6 Sep 2012, with the relation "Ratio e Fabrica. Archimede: Una Macchina Straordinaria".
 - from 06-09-2012 to 06-09-2012
 - Organization and Coordination of the Scientific Project "Il disegno di Ortigia. Frammenti a confronto" Siracusa 28 Sep 2012.
 - from 28-09-2012 to 28-09-2012
 - Speaker at the scientific meeting: Workshop "IL DISEGNO DI ORTIGIA. Frammenti a confronto" on the occasion of the 2nd International Meeting - University Festival of Science, Art and Technology, Siracusa 28 Sep 2012. Opening speech "Spazio reale e spazio dei flussi: una metodologia applicata".

- from 28-09-2012 to 28-09-2012
- Organization and coordination of the Scientific Project for the Architectural Exhibition "I luoghi e i percorsi di Ortigia" Siracusa 28 Sep 2012.
from 28-09-2012 to 28-09-2012
- Speaker at the international scientific meeting: IV Congreso Internacional De Expresión Gráfica En Ingeniería, Arquitectura Y Carreras Afines, "Gráfica del diseño: Tradición e innovaciones", La Plata, Argentina, 17-19 Oct 2012. Relation "Mente e Tatto, Geometria e Modello per le Nuove Tecnologie".
from 17-10-2012 to 19-10-2012
- Speaker at the international scientific meeting: III Seminario Internazionale DOCO 2012 Documentazione e Conservazione del Patrimonio Architettonico ed Urbano, Convento di Cristo, Tomar, Portogallo, 25-27 Oct 2012. Relation "Il sintagma del rilievo. Analizzare per conoscere, comunicare per condividere e condividere la comunicabilità".
From 25-10-2012 to 27-10-2012
- Speaker at the international scientific meeting: International Scientific Conference "LANDSCAPE and IMAGINATION. Towards a new baseline for education in a changing world", Paris 2-3-4- May 2013. Relation "An Introspective Reading for a Stratified Site".
from 02-05-2013 to 04-05-2013
- Speaker at the international scientific meeting: Workshop "Dal mare alla montagna. Percorsimedioevali fra Siracusa e l'entroterra" organized by Museo Regionale Paolo Orsi e da Sicilia Antica di Siracusa, Siracusa 6-8 June 2013, Avola 14.06.2013. Relation "Stratificazioni di Ortigia tra iconologia e disegno".
from 06-06-2013 to 08-06-2013
- Speaker at the international scientific meeting: XI Forum Internazionale di Studi Le vie dei Mercanti, Heritage Architecture Landesign focus on Conservation Regeneration Innovation, Aversa- Capri, 13-15 June 2013. Relation: "A synergy of addends for the definition of a charter of protection".
from 13-06-2013 to 15-06-2013
- Speaker at the international scientific meeting: XXXV Convegno Internazionale dei Docenti della Rappresentazione-Decimo Congresso UID "Patrimoni e Siti UNESCO. Memoria, Misura e Armonia", Matera, 24, 25 e 26 Oct 2013, relation "The laboratory of memory: engrams of the tracks of Ortigia".
from 24-10-2013 to 26-10-2013
- Speaker at the international scientific meeting: MO.DI.PHI. Modeling from Digital to Physical. Innovation in design languages and project procedures, meeting held on the occasion of the celebration of the 150th anniversary of the foundation of the Politecnico di Milano, Polo Territoriale di Lecco 11-12 Nov 2013. Relation: "The reverse modeling: a new method for an old practice".
from 11-11-2013 to 12-11-2013
- Speaker at the international scientific meeting: Sixth Careggi Seminar: 'Common Goods from a Landscape Perspective' Florence, 16th and 17th January 2014, Faculty of Architecture of the University of Florence, relation: "Ideational Landscape: an epistemological approach for a shared governance of stratified urban landscapes".
from 16-01-2014 to 17-01-2014
- Speaker at the international scientific meeting: VI Convegno Internazionale di Studi CIRICE "Città mediterranee in trasformazione. Identità e immagine del paesaggio urbano tra Sette e Novecento", Napoli, 13-15 Mar 2014, relation "Le Stratificazioni assenti di Ortigia, dalla rappresentazione storica alla ricostruzione virtuale".
from 13-03-2014 to 15-03-2014
- Speaker at the meeting: "I mestieri della cultura. Le discipline e i saperi per la ricerca e la valorizzazione del patrimonio culturale" Progetto Scuola Museo, Galleria Regionale Palazzo Bellomo, Siracusa 12 Apr 2014, relation: "La rappresentazione del dialogo tra memoria e materia. Integrazione di tecniche di modellazione per una "tutela virtuale" del patrimonio storico".
from 12-04-2014 to 12-04-2014
- Speaker at the international scientific meeting: XII International forum Le Vie dei Mercanti "Best Practice in Heritage Conservation Management, from the world to Pompeii", Aversa 12 June, Capri

13-14 June 2014, relation: "PATHS TO KNOWLEDGE FOR THE PRESERVATION OF IDENTITY CULTURES".

from 12-06-2014 to 14-06-2014

- Speaker at the international scientific meeting: XII International forum Le Vie dei Mercanti "Best Practice in Heritage Conservation Management, from the world to Pompeii", Aversa 12 June, Capri 13-14 June 2014, relation: "Developmental Dynamics of the Hypogei of Piazza Duomo in Syracuse", from 12-06-2014 to 14-06-2014
- Speaker at the international scientific meeting: Le Vie dei Mercanti _ XIII International Forum. HERITAGE and TECHNOLOGY. Mind Knowledge Experience. Aversa | Capri 11 - 12 - 13 June 2015. Relation "Exploring and interpreting the landscape using technological innovative systems". from 11-06-2015 to 13-06-2015
- Speaker at the international scientific meeting: Le Vie dei Mercanti _ XIII International Forum. HERITAGE and TECHNOLOGY. Mind Knowledge Experience. Aversa | Capri 11 - 12 - 13 June 2015. Relation "A strategic plan of investigation into the urban areas carried out together with public bodies". from 11-06-2015 to 13-06-2015
- Organization and coordination of the Scientific Project for the Exhibitio "Itinerari di Luce attraverso le culture: il laboratorio della Rappresentazione per l'EXPO", Ex chiesa dei Cavalieri di Malta, Siracusa 5 - 19 Sep. from 05-09-2015 to 19-09-2015
- Speaker in the 2nd level Master "Il progetto di riciclo. Architettura, Arti Visive, Design" SDS of Architecture, University of Catania in collaboration with the teachers of ESTAB Escue la Tecnica Superior de Arquitectura de Barcelona, Istanbul Technical University, Politecnico di Milano Scuola di Architettura e Società, Università di Pescara-Chieti Dipartimento Idea, Seconda Università di Napoli dipartimento DICDEA, Università di Palermo Dipartimento D'Arch., relation "La modellazione per la decostruzione", Siracusa 12 Dec 2015. from 12-12-2015 to 12-12-2015
- Speaker at the international scientific meeting: XVI Congreso Internacional de Expresión Gráfica Arquitectónica "El arquitecto, de la tradición al siglo XXI", EGA 2016, Alcalá de Henares (Madrid) 2-4 June 2016, relation: "The laboratory of representation in the XXI century, from the study of geometry to 3D printing. Perspectives and innovatively coordinated methodological devices for an experimental teaching". from 02-06-2016 to 04-06-2016
- Speaker at the international scientific meeting: XIV International forum Le Vie dei Mercanti "World Heritage and Degradation, Smart Design, Planning and Technologies", Napoli 16 June, Capri 17-18 June 2016, relation: "Cultural Heritage Conservation: referential relationships between sign and signifier of minor architecture". from 16-06-2016 to 18-06-2016
- Speaker at the international scientific meeting: XIV International forum Le Vie dei Mercanti "World Heritage and Degradation, Smart Design, Planning and Technologies", Napoli 16 June, Capri 17-18 June 2016, relation: "Regenerating the eco monster through ephemeral and sustainable architecture: how to recover the identity of a place". from 16-06-2016 to 18-06-2016
- Speaker at the international scientific meeting: "L'Universo Barocco. Gli Iblei, Roma e il mondo ibero-americano" in XI Corso Internazionale di Storia dell'Architettura, Siracusa, 20-23 Oct 2016, relation: "Dal rilievo al trattato: l'ordine ondulato tra piccola e grande scala nel Barocco della Sicilia orientale" from 20-10-2016 to 23-10-2016
- Speaker at the international scientific meeting: VII Convegno Internazionale di Studi CIRICE "Delli Aspetti de Paesi VECCHI E NUOVI MEDIA PER L'IMMAGINE DEL PAESAGGIO" Napoli, 27-29 Oct 2016, relation: "Image and memory: the representation of a fragment of submerged urban landscape". from 27-10-2016 to 29-10-2016

- Speaker at the international scientific meeting: XIII Congreso Internacional de Expresión Gráfica aplicada a la Edificación “DIBUJAR, CONSTRUIR, SONAR”, APEGA 2016, Castellon de la Plana (Valencia), 1-2-3 Dec 2016, relation: “The representation of sculptural elements in architecture. From 3D models to the underlying geometry”
from 01-12-2016 to 03-12-2016
- Speaker scientific meeting: "UGO CANTONE. La ricerca, le opere, le passioni" SDS of Architecture – Siracusa Università degli Studi di Catania 06 Dec 2016, relation: "L'uomo e il pensiero nel disegno".
from 06-12-2016 to 06-12-2016
- Speaker at the scientific meeting: Convegno FIR 2014 –Training, Apprenticeship and Employment in Sicily. Models and practices for the ecological promotion of social space: city and territory. Università degli Studi di Catania, Department of Political and Social Sciences, Catania 17 Jan 2017, relation: "Il Laboratorio della Rappresentazione per la formazione di alta qualità e la ricerca. Percorsi tematici tra concettualità e tecnologia per il rilievo".
from 17-01-2017 to 17-01-2017
- Speaker at the international scientific meeting: Le Vie dei Mercanti _ XV International Forum. WORLD HERITAGE and DISASTER Knowledge, Culture and Representation. Napoli | Capri 15 - 16 - 17 June 2017. Relation "The Catania skyline: two absences from its urban landscape. The “destruction” of the Alessi Tower and of the Bellini Garden Library"
from 15-06-2017 to 17-06-2017
- Speaker at the international scientific meeting: XXXIX International Meeting of Teachers of Representation “TERRITORI E FRONTIERE DELLA RAPPRESENTAZIONE”, UID 2017, Napoli, 14-15-16 Sep 2017, relation “The Itineraries of Drawing: from museum works to art places”
from 14-09-2017 to 16-09-2017
- Speaker at the international scientific meeting: Workshop “La documentazione grafica in Archeologia dal XIX al XXI secolo dalle esperienze di Rosario Carta alle moderne tecnologie”. Melilli 16.05.2018, relation “la rappresentazione per l’archeologia: la ricostruzione digitale della materia e della storia”
from 16-05-2018 to 16-05-2018
- Speaker at the international scientific meeting: Le Vie dei Mercanti XVI International Forum. WORLD HERITAGE and KNOWLEDGE, Representation | Restoration | Redesign | Resilience. Napoli | Capri 14-15-16 June 2018. Relation “Survey between protection and orientation of transformations. The case study of Florida”
from 14-06-2018 to 16-06-2018
- Speaker at the international scientific workshop: “Archaeological Landscape and Minor Cultural Heritage. Reconstructing the past as a living entity”. Catania-Scicli 9-11 October 2018, relation “Absence modeling through survey. The case of Syracuse”
from 9-10-2018 to 11-10-2018
- Speaker at the international scientific meeting: 4° Convegno Internazionale sul quadraturismo e grande decorazione nella pittura di età barocca. L'ARCHITETTURA DIPINTA: STORIA, CONSERVAZIONE E RAPPRESENTAZIONE DIGITALE. Firenze 8-9 Nov 2018, relation “The frontal of the high altar in the church of St. Lucia alla Badia in Syracuse: the illusory characteristic of a sculptural architectural perspective”
from 8-11-2018 to 9-11-2018
- Speaker at the scientific meeting: Workshop “Centri Urbani: documentazione e prospettive di sviluppo. Florida 15 Dec 2018 relation “La tutela dei centri urbani attraverso il rilievo digitale tra didattica e ricerca: il caso studio di Florida”
from 15-12-2018 to 15-12-2018
- Organization and coordination of the Scientific Project for the Exhibition “Centri Urbani: Il rilievo del patrimonio architettonico di Florida”
from 15-12-2018 to 06-01-2019

COORDINATION OR PARTICIPATION IN NATIONAL OR INTERNATIONAL RESEARCH TEAM ACTIVITIES

- Participation in the research group Neptis Project (Pon 03PE_00214_3) ICT-based solutions for augmented fruition and exploration of cultural heritage, among the partners the University of Catania (scientific supervisor prof. Lucia Trigilia).
In the same project, prof. Rita Valenti is scientific coordinator for a research grant for the scientific sector ICAR17-Drawing, research program "Cultural itineraries in the Baroque circuit of Val di Noto. Experimentation of procedures through modelling; from technological advanced survey to 3D representation"; for a research grant for the scientific sector ICAR17-Drawing, research program "Re-presentation of religious Baroque Architecture between geometry and symbology. From large to small scale, from façades to altars".
from 01-01-2015 to 31-03-2018
- Scientific coordination of the research Project "Re-presentation of Cultural Heritage in Val di Noto: digital instruments for knowledge and dissemination" financed by the Three Year University Research Plan 2016/2018.
from 01-01-2018 to 31-01-2018
- Participation in the research team Project ODE952 "Training, Apprenticeship and Employment in Sicily. Models and practices for the ecological promotion of social space: city and territory. Università degli Studi di Catania, Department of Political and Social Sciences" (prof. Paolina Mulè) financed by the University according to the ranking requirements FIR 2014, 03.07.2014.
from 01-03-2015 to 31-12-2016
- Scientific coordination of the research project "The geometry of places and the modelling of ideas between architecture and sculpture" projects PRA financed by the University (former 60% MURST).
from 01-01-2007 to 31-12-2008
- Scientific coordination of the research project "Shape, geometry and models in architecture" projects PRA financed by the University (former 60% MURST).
from 01-01-2005 to 31-12-2006

SCIENTIFIC SUPERVISOR FOR STUDIES AND RESEARCHES ASSIGNED BY PUBLIC AND PRIVATE INSTITUTIONS

- Research coordinator for the "survey of some areas around Ortygia" assigned by the Municipality of Siracusa agreement protocol for the research activities, 11.02.2015
from 11-02-2015 to 11-07-2015
- Coordinator of a research "based on survey technologies and measurement methodologies of artistic buildings and structures, meant as an instrument of protection" assigned by the Regional Gallery of "Palazzo Bellomo" agreement protocol for the research activities, 01.03.2016
from 01-03-2016 to 01-09-2016
- Research coordinator for "Urban Center 0.2- Florida and its transformations "based on survey and measurement techniques and methodologies of buildings, meant as an objective instrument of protection, recovery and renovation of historical centres" assigned by the Municipality of Florida" agreement protocol for the research activities, 10.04.2017.
from 10-04-2017 to 10-10-2017

DIRECTION OR PARTICIPATION IN RENOWN MAGAZINE, BOOK SERIES, ENCYCLOPEDIA AND TREATISE COMMITTEES

- Member of the Editorial Committee of the University Bulletin- La Rivista.
from 13-06-2005 to 31-03-2009
- Member of the Editorial Committee of Voyantes a magazine of architecture edited by the Department of Analysis, Representation and Design D.A.R.P.

from 28-03-2006 to 31-12-2009

- Member of the International Scientific Committee of the Magazine edited by the Centre for the International Studies of Baroque "ANNALI DEL BAROCCO IN SICILIA" from 01-10-2017 to present
- Reviewer for "blind peer review" process at the 38th, 39th, 40th and 41th International Meeting of teachers of Representation.
Years 2016, 2017, 2018, 2019