

## Research Group

### Sustainable Design for Made in Italy - SIDE

#### Reference year:

2025

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 LOTTI Giuseppe/ Full Professor / DIDA Dipartimento di Architettura / UNIFI  
 MORETTI Matteo / Associate Professor/ Dipartimento di Architettura, Design e Urbanistica degli Studi di Sassari  
 PANTANO Pietro / Full Professor / Dipartimento di Fisica, Università degli Studi della Calabria  
 LUCA RASTRELLI / Full Professor/ Dipartimento di Farmacia, UNISA  
 RUSSO Dario / Associate Professor/ DARCH / UNIPA  
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 BROEGA Ana Cristina/ Associate Professor / Universidade de Mhno, Portogallo  
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 CHUNA Joana / Associate Professor / Universidade de Mhno, Portogallo  
 DOS SANTOS Aguinaldos / Full Professor / Federal University of paranà, Brasil  
 KAUR GD Koshalpreet / Associate Professor / Goenka University, India  
 ENZA MIGLIORE / Assistant Professor Tenure Track / SUStech Southern University of Science and Technology, Shenzen, Cina  
 MONTAGNA Gianni / Associate Professor/ Universidade de Lisboa, Portogallo  
 MORELLI Nicola / Associate Professor / Aalborg University, Danimarca  
 VALSECCHI Francesca / Associate Professor / College of Design and Innovation Tongji University, Cina

## Description of research lines:

The research group deals with issues related to environmental sustainability design in all its forms, including climate and social change and the development of visions and theories, products, processes, services and communication systems.

The main lines of research concern:

### ***1) Design for sustainable innovation.***

*Responsible:* Francesca La Rocca, Rosanna Veneziano.

*Components:* Francesca Castanò, Nicola Morelli, Maria Dolores Morelli, Maria Antonietta Sbordone.

*Assignees:* Michela Carlomagno.

*PhD students:* Annarita Bianco, Salvatore Carleo, Sara De Toro, Domenico Di Fuccia, Francesca Maria Di Lillo, Simone Martucci, Raffaella Marzocchi, Achille Perrotta, Federica Pugliese, Stefano Salzillo, Valentina Sorvillo.

Contemporary design paradigms, referring to the scenario of environmental sustainability, constitute the group's scientific research basis. Modelling according to systemic logic, investigating plural ways of tackling the themes of the environmental crisis and climate change, proposing the original point of view of design culture; developing interdisciplinary cognitive tools in order to validate new design methods. This is the starting point for the various experiments, in an inter-scalar dimension, and declined in the concreteness of artefacts and systems and in different cultural and territorial contexts: for the development of new systems, services and products, tangible and intangible.

The general aims of the integrated research include: promoting networks and supply chains of companies capable of competing globally starting from local resources; creating connective opportunities between the various players in the area; proposing sustainable mobility models in the post-digital scenario, with in-depth studies on smart city and soft city issues.

In this perspective, the Listening Design method applied to the development of new products was tested through experiments with companies in different production sectors.

### ***2) Systemic design for circular and conscious innovation in the Fashion and Textile System for the Made in Italy.***

*Responsible:* Roberto Liberti, Maria Antonietta Sbordone.

*Group members:* Ana Cristina Broega, Annalisa Buffardi, Elisabetta Cianfanelli, Ornella Cirillo, Giovanni Maria Conti, Fernando Moreira da Silva, Rossana Gaddi, Francesco Izzo, Koshalpreet Kaur, Barbara Masiello, Gianni Montagna, Gabriele Monti, Maria Dolores Morelli, Simona Ottieri, Chiara Scarpitti, Rosanna Veneziano.

*Assignees:* Michela Carlomagno.

*PhD students:* Valentina Alfieri, Carmela Ilenia Amato, Carmela Barbato, Annarita Bianco, Eleonora Cecere, Luigi Chierchia, Silvestro Di Sarno, Maria Cristina Falsone, Raffaella Marzocchi, Michela Musto, Martina Orlacchio, Stefano Salzillo.

Fashion is a complex system of multidisciplinary interactions; the research lines are oriented towards the development of global scenarios in environmental terms that define the value of use in the contemporary world, determining new advanced design and production models. Models featuring sustainable and conscious processes oriented towards new modes of collaboration, dissemination and conscious consumption. The research areas include several topics for further study as: fashion, eco-design; slow manufacturing and man's tailoring; textile design; smart textile for the healthcare field; design for cosmetics; new production chains for plant-based textile

innovation; the cultural heritage of fashion analysed through fashion studies; the Living Archives of Fashion as Heritage and the study of archives.

The implementation model of the research lines integrates the training, the research, the third mission, in connection with the regional manufacturing poles, the stakeholders of the reference territory, configuring a territorial ecosystem of innovation. The laboratories of DADI and Officina Vanvitelli qualify the subject areas by offering a suitable training and research infrastructure to support companies by responding to different innovation needs.

### **3) *Speculative Futures Lab: criticism, aesthetics and advanced technologies for design.***

*Responsible:* Francesca La Rocca, Chiara Scarpitti.

*Group Members:* Roberta Bernabei, Alessandra Cirafici, Enza Migliore, Alice Palmieri, Daniela Piscitelli, Francesca Valsecchi.

*PhDs:* Annarita Bianco, Francesca Maria Di Lillo, Raffaele La Marca, Michela Musto, Federica Pugliese, Antonella Rosmino, Paola Antimina Tuccillo.

The Speculative Futures Lab deals with transdisciplinary research between contemporary design criticism, new paradigms of aesthetics and technological culture. The line of research is characterised by a dual nature - theoretical and applicative - whose two aspects represent mutually fertilising observatories, continuously opening up multiple levels, meanings and new imaginaries. One of the main goals is to investigate - through practice-based processes - the future scenarios of contemporary design and fashion in the field of the in the field of object, jewellery, physical and digital installations manufacturing.

In terms of tools and methodologies, the SFL works simultaneously on hybridising processes, theoretical and interactive mapping, and speculative devices. The competences belonging to the research group are heterogeneous: these include theoretical-critical studies on contemporary phenomena in the fields of art, fashion and design; knowledge of advanced software and manufacturing technologies, post-digital processes, bio-based and material-focused approaches. The aim is to produce a critical investigation about the relationship between technology and nature, between human and non-human beings, re-imagining the future, in the present.

### **4) *A.I. and new digital tools for transition designers.***

*Responsible:* Maria Antonietta Sbordone, Roberto Liberti

*Group Members:* Alessandra Avella, Marco Calabrò, Elisabetta Cianfanelli, Fernando Moreira da Silva, Pietro Pantano, Chiara Scarpitti, Margherita Tufarelli.

*PhDs students:* Valentina Alfieri, Luigi Chierchia, Sara De Toro, Francesca Maria Di Lillo, Silvestro Di Sarno, Leonardo Giliberti, Raffaele La Marca, Simone Martucci, Andrea Quartu.

Human-centred technological innovation is strategic, as is the complete digital transition towards full human- machine collaboration. As can be seen from the European Commission's Objectives and with the aims of Horizon Europe pillars 2 and 3 and the thematic area Creativity, Design and Made in Italy, of the PNR 'Humanistic Culture, Creativity, Social Transformations, Inclusion Society,

artificial intelligence, if approached in an ethical and collaborative vision, leads to innovations that can make the Made in Italy production system competitive and open to new development models. The access with equal opportunities to continuous and advanced training and the creation of new opportunities for the enhancement of 'transition designers' will play a central role in the access of young people to the world of work and for the competitiveness of Made in Italy companies. The research investigates the role of A.I. and other tools used in the manufacturing companies of the

TAC plus sector, as new tools in the hands of the future designers by developing new approaches in the fight against counterfeiting and piracy as reflected in Objective 6.2 of the PNR about the Protection of Intellectual Property and New Technologies.

**5) Social design and design for emergency.**

*Responsible:* Daniela Piscitelli, Rosanna Veneziano.

*Components:* Roberta Angari, Stefania Cella, Alessandra Cirafici. *Assignees:* Michela Carlomagno.

*PhDs:* Domenico Di Fuccia, Ibtissam Jayed, Michela Mattei, Rossella Ronca, Flavia Sollazzo, Valentina Sorvillo.

The research group investigates the areas affected by the new emergencies in a local and global dimension of the major issues, in fragile and high-risk contexts. Through the methodologies of Visual Communication and co-design filtered through the specula of Critical Design, strategies and collaborative practices are defined to transform needs, urgencies and states crisis into areas of opportunity. An approach that aims at supporting and/or proposing new economic, social and cultural models that are mainly service-oriented, connected to territories, local cultures and social networks, in a dimension that cares about the dynamics of social interrelation and active participation of communities, aimed at combining and connecting the dimensions of diversity, otherness, marginality, difference, identity and generativity within a complex system of relationships, sharing and inclusiveness. The group continues the activities of the Laboratory of Projects and Research for International Cooperation 'Ideas for Peace', founded in 2008 thanks to a collaboration agreement with the Department of Peace and International Cooperation of Naples, and makes use of the Fruit for Peace network, a project of the same name for Development and International Cooperation.

**6) Visual Communication Research Lab: the tradition of the new.**

Visual Communication and Visual Studies, Basic design, History and history of graphic design, Psychology and visual perception, Colour, Theory of form and figuration, Publishing, Type design, digital design.

*Responsible:* Daniela Piscitelli, Ornella Zerlenga.

*Members:* Roberta Angari, Francesca Castanò, Alessandra Cirafici, Vincenzo Cirillo, Francesca La Rocca, Alice Palmieri.

*PhDs:* Carmela Barbato, Rosanna Cianniello, Alessandra Clemente, Raffaella Marzocchi, Michela Mattei, Rossella Ronca, Antonella Rosmino, Flavia Sollazzo, Paola Antimina Tuccillo.

The 'transversal' and 'service' dimension of Visual Communication, amplified by the domestic practice of producing its artefacts, renders blurred scenarios of the discipline that, moving away from its founding paradigms, appears as changed in its assumptions and lines of research. The increasingly digital nature of tools, artefacts, services and visual environments, shifts the reflection of the basic research in borderline territories between technology, computer science and mathematics, and although the reference literature has given us, over the last twenty years, precise insights into episodes or protagonists in the history and specific areas of design and research, it has, however, blurred its general, foundational and systemic dimension. It is therefore necessary to consolidate a disciplinary barycentre on characterising aspects, in its interdisciplinary ramifications. The research unit, therefore, will investigate and deepen aspects related to Graphics and Visual studies from the theoretical, historical, critical and methodological point of view but also in the relations and mutations with digital tools and environments, in the need to identify and circumscribe its investigations and repercussions to refound both the discipline and its languages.



**7) *Slow factory: Interaction between design and the excellent 'Made in Italy' craftsmanship.***

*Responsible:* Maria Dolores Morelli.

*Group Members:* Carullo Rossana, Castanò Francesca, Cristallo Vincenzo, Gambardella Claudio, La Rocca Francesca, Liberti Roberto, Lotti Giuseppe, Ottieri Simona, Russo Dario, Tosi Francesca.

*PhDs:* Carmela Barbato, Annapaola Carrano, Carmen Cecere, Rosanna Cianniello, Alessandra Clemente, Alessandra Miano, Andrea Scala.

Handmade in Italy - an expression used since 2015 to enshrine the relationship between applied arts/design and craftsmanship - represents a strategic lever for Italy characterised by small enterprises and craft companies of excellence, also witnessed by specialised business museums. The artefacts produced stand to be representative of Made in Italy because they are inextricably linked to places, landscapes, cultures and productive geographies, promoting the sustainable development of territories. The line of research intends to set up a Bank of the Qualities of Italian territories; foster the mutual relationship between production geographies and specialised museums, to be interpreted as connected research-business-institutions ecosystems; co- create new cultural contents in *heritage communities* and realise new products, especially author's merchandising; promote quality certification paths for those production processes linked to places of tradition; develop inclusive, collaborative and innovative human-centred business models, generated by the interaction of design/craft/digital manufacturing; enhance the transfer of skills gained through spin-offs; start-ups, open innovation, etc.

**8) *Cultural Heritage of Made in Italy.***

*Responsible:* Alessandra Cirafici, Ornella Cirillo.

*Members:* Carlos Campos, Francesca Castanò, Francesco Izzo, Barbara Masiello, Massimiliano Masullo, Simona Ottieri, Alice Palmieri, Daniela Savy, Chiara Scarpitti.

*PhDs :* Andrea Chiara Bonanno, Anna Paola Carrano, Vincenza Caterino, Carmen Cecere, Rosanna Cianniello, Alessandra Clemente, Simone Giancaspero, Giulio Giordano, Alessandra Miano, Federica Pugliese, Antonella Rosmino, Paola Antimina Tuccillo.

Within the 'Humanistic Culture, Creativity, Social Transformations, Inclusion Society' sphere of the PNR, Heritage Design occupies a well-defined role, capable of developing multidimensional and interdisciplinary approaches, at different scales: from strategic visions to service/product design. The research line, in full coherence with this approach, looks at the Made in Italy cultural heritage as an extraordinary laboratory of innovation, both cultural and social, in which to explore participatory design practices, enhance cultural diversity, and promote humanistic knowledge through technical- scientific disciplines.

Special attention is paid to the topic of Archives, understood as indispensable historical sources whose valorisation and use is the basis of historical-critical methodologies.

The objectives of the research line are:

- exploring and enhancing design and fashion archives;
- learn about and promote innovative models of cultural fruition that also focus on user experience process;
- developing and deepening inclusive forms of education and entertainment (Edutainment) through technological and multimedia integration;
- develop analogue or digital solutions for storytelling, interactive and sensory displays, information systems.

### **9) NEED *New Emphatic Education Design.***

*Responsible:* Maria Dolores Morelli.

*Members:* Francesca Castanò, Carla Langella, Luigi Maffei, Luca Rastrelli.

*PhDs:* Carmela Barbato, Carmen Cecere, Alessandra Clemente, Raffaella Marzocchi, Michela Mattei, Alessandra Miano, Andrea Scala, Flavia Sollazzo.

The need to redefine and integrate different competences requires a substantial reflection on new forms of didactics. The research line, therefore, promotes design education through methods, processes and tools capable of building an empathic relationship between the object and subject of the pedagogical process, also using the most advanced technologies and digital environments. In particular, the issues addressed also characterise the objectives of the NEED funded project, (Call MIUR, POT 2023-2026) aimed at setting up a place/laboratory students, researchers and teachers, open to local stakeholders. The practical experience and iterative decision-making suggest a form of dynamic and scalable learning that is realised in action and experimentation combined with a systemic approach of the design contexts, information and stakeholders involved, highlighting strengths and objectives in close collaboration with the DADI Steering Board on design issues. The results obtained will contribute to the innovation of the contents of the disciplines in the university environment, thus participating in the changing professions of the future, with attention to the needs of the productive territories and the innovation of the companies in the sector.

### **Relationships with other research groups of the University of Campania L. Vanvitelli during the last three years:**

The research group conducts its activities with a strong interaction with other research groups at the University. In particular with the Department of Psychology for the research line of social design, the Department of Economics, the Department of Biological and Pharmaceutical Environmental Science and Technology DISTABIF for the topic of design for cosmetics.

The research group also collaborates with the following other Research Groups of the Department:

- Knowledge, valorisation and digital communication of cultural heritage (scient. resp. Ornella Zerlenga).
- Acoustics, Vibrations and Multisensory Interactions (Scientific Respons. Luigi Maffei)
- Sustainable and Resilient Cities and Human Settlements - SU.RE (Resp. scient. Prof. Adriana Galderisi)
- Energy Efficiency and Environment - E3 (scient. resp. Prof. Sergio Sibilio)
- Gems and Jewellery: History and Design (scient. resp. Prof. Danila Jacazzi)
- Carbon Neutral Buildings (scient. resp. Prof. Antonella Violano)

Theories and practices of architecture in the contemporary world (scient. resp. Prof. Paolo Giordano)

### **Participation in research projects during the last three years:**

*Project title:* **The Design System in the Southern Italy territories. Design and Craftsmanship of excellence for the Made in Italy development and the engagement of local knowledge (DeinSite).** *Scientific Responsible:* Francesca Tosi. (previous P.I. Claudio Gambardella)

*DADI UdR responsible:* Maria Dolores Morelli.

*Call title:* PRIN 2022

*Description of the project's research activities:* The idea is to create in the South of Italy a large

system of five Regional Museum Systems, both physical and virtual, each equipped with a company museum to be located in areas of high tourist value due to the presence of archaeological sites, historical centres, marinas and so on, functioning as a connector for the participating museums and companies, as has already been done for the Sistema Campano in Pompei. In other words, a museum of contemporary design, conceived primarily as an exceptional place to present the new Handmade in Italy products (Gambardella, 2020), born from the collaboration between design and craftsmanship.

*Staff involved:* Francesca La Rocca, Simona Ottieri, Daniela Piscitelli, Chiara Scarpitti, Ferdinando Trapani (UNIPA).

*Partner Entities:* University of Florence, University of Campania 'Luigi Vanvitelli' (lead partner).

*Submission/start/end dates:* October 2023 - October 2025

*Project status:* funded and ongoing.

**Project title: ResHaping made in ITALY. Resilient models for Italian Fashion through identity, inclusivity, conscious innovation. (RHITA)**

*Scientific Responsible:* Chiara Scarpitti.

*Call title:* PRIN PNRR 2022

*Description of the project's research activities:* The project intends to build and test inter- and trans- supply chains and collaborative models for the valorisation of human cultural heritage and the redefinition of fashion-oriented production systems according to a digital 5.0 transition. Through the construction of a digital and dialogue platform, RHITA connects five universities, located in four regions, Campania, Lombardy, Tuscany, Veneto, sharing knowledge and training models according to the principles of digital inclusiveness, conscious innovation and circularity. *Staff involved:* Ornella Cirillo, Francesco Izzo, Roberto Liberti, Patrizia Ranzo, Maria Antonietta Sbordone, Concetta Tavoletta, Chiara Scarpitti, Rosanna Veneziano.

*Partner Entities:* Milan Polytechnic, IUAV University of Venice, University of Siena, University of Florence, University of Campania Luigi Vanvitelli (lead partner) *Project*

*submission/start/end dates:* November 2022 - November 2025

*Project status:* funded and ongoing.

**Project title: Zero Waste Fashion Training: a new international, cross- sector training approach for fashion.**

*Scientific Coordinator:* Gisela Fortuna, Creamodite Asociacion (Madrid).

*UdR DADI responsible:* Roberto Liberti.

*Call title:* Call 2023 Round 1, KA210 - ADU Small-scale Programme Erasmus +

*Description of the research activities:* Through the sustainable design models, the ZWF project partners aim to provide students with comprehensive tools that help to address the complexity of sustainability issues, especially from the designer's point of view, and to combine them through a holistic approach. We therefore propose an up-to-date training programme on sustainable design methodologies applied to fashion, in a synchronous and asynchronous format, with the aim of raising awareness of sustainability, based on academic and scientific tools committed to developing a sustainable future.

*Staff involved:* Roberto Liberti, Marco Calabrò, Ornella Cirillo, Simona Ottieri, Chiara Scarpitti.

*Partner organisations:* Creamodite Asociacion para la constitucion y restructuracion de empresas de moda, disenyo y tecnologia (Madrid); Università degli Studi della Campania Luigi Vanvitelli (Italy).

*Submission/start/end dates:* 1/9/2023 - 31/08/2025



*Project status:* financed and ongoing.

*Project title:* **WAVE ISLAND. A serious game for emotional regulation skills in adolescence**

*Scientific responsible:* Stefania Cella *Call title:* M.U.R. - PRIN 2022 Project

*Description of research activities:* Emotion regulation is a key socio-emotional competence that has profound implications for adaptive functioning. Poor emotional regulation skills may underline different forms of psychopathology, especially during adolescence, when the intensity of emotional life inevitably increases the pressure of emotions and conflicts in the complicated context of pubertal transformations. Therefore, intervening early to foster emotional development is a priority to prevent mental health problems and support well-being throughout life. The project aims to design and develop a mental health app using the serious game approach for emotional regulation and to test its effectiveness in adolescents aged 12 to 16.

*Staff involved:* Paolo Cotrufo, Margherita Stabile, Cesare Cavalera, Rosanna Veneziano, Michela Carlomagno, Valentina Sorvillo, Daniele Caccavale, Clarita Caliendo.

*Partner Institutions:* Catholic University Milan *Start dates:* 2025

*Project status:* funded and ongoing.

*Project title:* **Pot Need.**

*Scientific Coordinator:* Maria Dolores Morelli

*UdR DADI responsible:* Maria Dolores Morelli, Caterina Frettoloso.

*Title of the call:* MIUR, POT Orientation and Tutoring Plans 2023-2026.

*Description of the research activities:* NEED promotes design education with methods, processes and tools that meet the needs of "a new way of life" through the empathic and technological relationship between nature and artifice. NEED structures places/workshops for pupils, students, researchers and teachers, open to local stakeholders and aimed at the transdisciplinary design education, to enable the construction of educational pathways that strengthen competences, digital technologies and the construction of soft skills, strongly connected between School, University, Territory, Enterprises, Organisations with new educational opportunities thanks also to teacher training, improving digital competences using educational platforms, favouring self-assessment tools in manual and digital learning environments.

*Staff involved:* Maria Dolores Morelli, Caterina Frettoloso.

*Partner Institutions:* University of Perugia, University of Genoa, University of Sassari, University of Studies

"G. d'Annunzio" University of Chieti-Pescara, 'Mediterranea' University of Reggio Calabria, Polytechnic University of Bari, University of Bologna, University of Camerino, University of Ferrara, Polytechnic University Milan, University of Naples 'Federico II', University of Palermo, University of Parma, University of Rome 'La Sapienza', Polytechnic University of Turin, University of Tuscia, University of Florence *Submission/start/end dates:* 2023 - 2026

*Project status:* funded and ongoing.

*Project title:* **Inaccessible religious architecture. A workflow of knowledge 'expanded' usability and 'inclusive' accessibility (EX-IN\_Accessibility).**

*Scientific Responsible:* Antonella di Luggo (Unina), Alessandra Lardo (UniParthenope)

*Head of UdR DADI:* Vincenzo Cirillo.

*Call title:* BANDO PRIN 2022

*Description of the research activity:* The project proposes to investigate the religious architectural heritage of Naples (Italy) in order to transform the condition of inaccessibility of certain assets

into renewed accessibility, with the provision of 'extended' (physical and virtual) fruition systems capable of enhancing the users' experience through the design of multisensory inputs.

Through the definition of a theoretical framework of taxonomy of the inaccessibility of the investigated context, the project will identify scenarios that re-insert religious architectures in the circle of possible in situ experiences, determining a virtuous effect on the economy of the territories and on the regeneration of the contexts they belong to. In particular, the expected result is the codification of an operational workflow for the 'inclusive' accessibility and 'extended' usability of religious architecture, even during the implementation of safety works (provisional works).

Among the impacts of the research is the possibility of adopting the operational workflow for other classes cultural heritage for the acquisition of future funding for enhancement measures.

*Staff involved:* Vincenzo Cirillo, Ornella Zerlenga, Alessandra Cirafigi, Manuela Piscitelli, Riccardo Miele.

*Partner institutions:* University of Naples 'Federico II', Parthenope University.

*Submission/start/end dates:* September 2023 - September 2025

*Project status:* funded and ongoing.

***Project title:* Artificial Intelligence to assess the structural/seismic Damage to historic heritage in BIM environment (AIDaBIM).**

*Scientific Responsible:* Claudia Casapulla, University of Naples 'Federico II'.

*UdR DADI responsible:* Ornella Zerlenga.

*Call title:* PRIN 2022 PNRR

*Description of the research activities:* The aim of the project is to develop a new digital tool for semi-automatic damage assessment, to support the conservation and management of the built heritage, in particular masonry churches affected by structural damage. This will be implemented through the use of advanced digital technologies, such as building information modelling (BIM) and artificial intelligence (AI). In addition, a new methodology is proposed to digitise the process of detecting observed structural damage to churches and to define reliable and rapid assessments of damage states. The resulting information will be collected in a database to be potentially implemented in DaDO, a platform of observed damage to buildings developed by the Italian Civil Protection.

*Personnel involved:* Ornella Zerlenga.

*Submission/start/end dates:* December 2023 - December 2025

*Project status:* funded and ongoing.

***Project title:* DADI\_DOC - Department of Architecture and Industrial Design\_ Teachers' Documentation Archive**

*Scientific Coordinator:* Ornella Zerlenga.

*Title of the call:* QA23 Promotion of the Quality Architecture - annuality 2023 Line 2 (Campania region) *Description of the research activities:* The proposal aims at the constitution of a fund related to the project documentation developed over time by the DADI teaching staff in relation both to the

context of "Terra di Lavoro" and to the scientific production of the illustrious founders, teachers, researchers who have served at DADI, formerly Faculty of Architecture, over the last thirty years. The construction of a DADI\_doc Documentation Archive intends to focus on the research processes and the network of scientific relations that DADI has established at local, national and international level. The richness of the disciplinary fields embraces all the subjects of a structured school of Architecture and Industrial Design.

*Staff involved:* Ornella Zerlenga, Francesca Castanò, Chiara Ingrosso, Rosanna Veneziano, Vincenzo Cirillo

*Project start/end dates:* February 2024 - June 2025

*Project status:* funded and ongoing.

**Project title: RAPIDGEM SMART KIT. Advanced Diagnosis Detection for Covid-19 Prevention**

*Scientific Responsible:* Maria Antonietta Sbordone

*Call title:* Public Notice for Expressions of Interest by Research Organisations for the implementation, in the field of Rare Diseases, of research, development and innovation projects.

*Partner Entities:* NUNIMA GROUP srl.

*Submission/start/end dates:* 2023

*Project status:* Successfully evaluated among the High Priority 2023 projects. Financed (awaiting Start of Activity Decree).

### **Funded and completed research projects:**

**Project title: SMART&SAFE 2. Design for 'Smart Inclusive Protection Systems (S2PI)'.**

*Scientific Responsible:* Maria Antonietta Sbordone.

*Title of the call:* POR FESR Campania 2014-20220 Axis 1.

*Description of the research activities:* Public notice for the acquisition of interest expressions from research organisations for the implementation of research, development and innovation services for Covid-19 (DGR n. 504 of 10.11.2021).

*Partner Entities:* Campania Region.

*Submission/start/end dates:* 18/02/22

*Project status:* financed, completed in 2024.

**Project title: Fashion Alive**

*Scientific responsible:* Creamodite Asociacion para la constitucion y reestructuracion de espresas de moda. diseno y tecnologia (Madrid)

*UdR DADI responsible:* Roberto Liberti.

*Call title:* Call European Commission CREA-CULT 2021 Coop1.

*Description of the research activities:* The main approach of the FASHION ALIVE project is the promotion of sustainable practices in the creative fashion industry through the creation of events capable to involve a wider public and raising awareness about important issues.

*Staff involved:* Professors Ornella Cirillo, Vincenzo Cirillo, Chiara Scarpitti, Alessandra Avella, Pasquale Argenziano, Lorenzo Capobianco, Alessandra Cirafici, Caterina Cristina Fiorentino, Danila Jacazzi, Antonella Violano, Maria Antonietta Sbordone, Patrizia Ranzo, Giulia Ceriani Sebregondi, Gabriele Pontillo, Simona Ottieri. Phd students: Silvestro Di Sarno, Valentina Alfieri.

*Partner institutions:* Creamodite Asociacion para la constitucion y reestructuracion de espresas de moda. diseno y tecnologia (Madrid); Universidade do Minho (Lisboa); University of Campania Luigi Vanvitelli (Italy); Xsentrikarts platform for arts (Austria).

*Submission/start/end dates:* 2022/2024

*Project status:* financed and completed.

**Project title: Blended Intensive Programme (BIP) Erasmus Plus**

*Scientific Responsible:* Anna Giannetti

*Call title:* Blended Intensive Programme (BIP) Erasmus Plus

*Staff involved:* Alessandra Cirafigi, Francesca Castanò, Anna Giannetti,

*Partner Entities:* University of Campania (lead partner) with Universidad de Granada (partner), Suor Orsola Benincasa University (partner), UCLouvain (partner), Oslo University (partner) with an international workshop entitled Pop Europe-Imagines words & architecture (Granada 8-15 July 2023).

*Submission/start/end dates:* 2022-2024

*Project status:* financed, completed in 2024.

**Project title: CAMPANIA IN - Campania and Industry. Contemporary itineraries in the world of work. Photographic exhibition and thematic spots.**

*Scientific Coordinator:* Francesca Castanò

*Announcement title:* Granting of Contributions by the Campania Region in implementation of Article 1, Paragraph 29, of Regional Law No. 28 of 8 August 2018.

*Description of the research activities:* Study, analysis and photographic reconnaissance of the factories in the Campania Region.

*Partner Entities:* Campania Region.

*Submission/start/end dates:* February 2020/ February 2021- November 2024

*Project status:* financed and completed.

**Project title: Designing with More-than-Human. Phygital interactions and artifacts for a transdisciplinary and post-anthropocentric manufacture. (De+Humans)**

*Scientific Responsible:* Chiara Scarpitti

*Title of the call:* University call for the funding of fundamental and applied research projects dedicated to young researchers

*Description of the research activities:* Characterised by a dual nature - theoretical and applicative - the project aims to the laboratory experimentation of processes and products between design, digital technologies and nature, through the collaboration between the different disciplines, in a perspective of raising awareness of the most pressing issues related to multi-species coexistence and environmental ecosystems. In line with emerging international research trends, the project aims to reshape the meaning of sustainable production within the post-anthropocentric paradigm, discussing its domain and recontextualising emerging goals, technologies and aesthetics.

*Staff involved:* Alessandra Cirafigi, Roberto Liberti, Alice Palmieri, Daniela Piscitelli, Patrizia Ranzo, Maria Antonietta Sbordone, Chiara Scarpitti, Rosanna Veneziano. PhD students: Giulio Gargiulo, Annarita Bianco, Noor Fajrina Farah Istiani, Raffaele la Marca.

*Submission/start/end dates:* 01.10.2022/12.12.2023

*Project status:* financed and completed.

**Project title: M.A.RA - Centre and Museum Centre for the Study and Promotion of Rationalist Architecture**

*Scientific Responsible:* University of Campania 'Luigi Vanvitelli'.

*DADI UdR Manager:* Francesca Castanò.

*Title of the notice:* Regione Campania, Public notice for the promotion of quality architecture, LR 19/2019 - DD 7/2021.

*Description of the research activities:* The project intends to draw attention about a work of high qualitative value, both in the rural and urban context of Sparanise and in the national architectural catalogue. The specific objective of the proposal is to promote knowledge of it,



starting from the study of a proposal for a compatible re-use of the former Palazzina Uffici, which is now in a state of disrepair.

*Partner Entities:* Municipality of Sparanise.

*Submission/start/end dates:* 24/03/2021 / 15/02/2022-

15/06/2023 *Project status:* financed and completed.

***Project title:* STARES - Shape and sTructure in mAsonry staiRcasES in Naples. Criteria for the definition of knowledge models for safeguard and local tradition enhancement**

*Scientific Responsible:* Prof. Arch. Vincenzo Cirillo

*Call title:* Call for Selection for Funding of Fundamental and Applied Research Projects for Young Researchers.

*Description of the research activities:* The STARES project aims to investigate historical masonry staircases using interdisciplinary criteria and methods for the preparation of knowledge models useful for analysis, criticism, restoration and improvement of the property.

*Personnel involved:* Corrado Chisari, Ornella Zerlenga, Pasquale Bencivenga

*Project submission/start/end dates:* 08.07.2022 - 09.2023 - 04.2024

*Project status:* funded and completed

***Project title:* Innovative Research Doctorates with Industrial Characterisation, Architecture. Industrial Design Cultural Heritage (code DOT1349530)**

*Scientific Responsible:* Prof. Arch. Ornella Zerlenga

*Call title:* Innovative PhDs with industrial characterisation, Architecture Industrial Design Cultural Heritage. *Description of research activities:* technologies and applications for the conservation, management and enhancement of cultural heritage.

*Staff involved:* Ornella Zerlenga, Carlos José Parra Costa, Margherita Cicala.

*Partner Institutions:* Polytechnic University of Cartagena, Spain.

*Submission/start/end dates of the project:* 2019/2020/2023.

*Project status:* funded and completed.

***Project title:* RESTANZA. New movable systems for smart/co-working taking advantage of life quality, sustainability and energy efficiency**

*Scientific Responsible:* Antonio Ciervio

*Title of the call:* Call for proposals for the funding of fundamental and applied research projects for young researchers.

*Description of the research activities:* A prefabricated mobile building (PMB) based on renewable energies, energy self-sufficient, eco-compatible, modular and flexible in its set-up, for smart/co- working, will be designed; a full-scale prototype will be realised and its performance in the field will be measured/analysed during installation and operation in a selected small town in the province of Caserta in the Campania region (Italy). The PMB will be developed to optimise user well-being, energy performance and the integration of the indoor environment with external architectural/historical/landscape elements through innovative design methods (immersive virtual reality and dynamic simulation models). The project aims to 1) promote the use of renewable energy and energy-efficient systems through innovative design methods, 2) reduce the environmental/ecological footprint related to both the building and transport sectors, 3) suggest an alternative lifestyle that combines tradition and modernity, 4) facilitate the social/economic renaissance of small centres with significant regenerative potential. The research activities will be carried out by a multidisciplinary team (involving 3 Scientific Disciplinary Sectors ING-IND/11, ICAR/18, ICAR/13) thanks to the know-how and equipment of the RIAS laboratory [1] and the



SENS i-Lab [2] of DADI. The project provides relevant environmental/social/territorial/economic impacts, together with significant results for engineers, architects, PMB manufacturers, the scientific community and institutions. *Personnel involved*: Antonio Ciervo, Luigi Maffei, Francesca Castanò, Maria Dolores Morelli, Raffaella Marzocchi, Samiha Boucherit.

*Submission/start/end dates*: submission 08/07/2022

*Project status*: financed and completed.

***Project title*: Integrated PRocedure for assEssing and improVing the resiliENce of existing masonry bell Towers at territorial scale**

*Scientific Responsible*: Prof. Ing. Gianfranco De Matteis.

*DADI UdR responsible*: Ornella Zerlenga, Gianfranco De Matteis, Sergio Sibilio.

*Call title*: VALERE 2019 programme.

*Description of the research activities*: The aim of the *PREVENT* project is to set up a procedure encompassing the disciplinary contributions of Architectural Surveying and Representation, Environmental Engineering Physics and Structural Engineering, and aiming to provide a scientific methodology research for: the knowledge of the architectural typology of existing masonry bell towers on a territorial and architectural scale in their various forms; the definition of a new method for the structural assessment of masonry bell towers as well as a new general method of analysis aimed at the conservation of bell towers; the formalisation of a final designed product to be used by local administrators; the valorisation of bell towers for the purposes of cultural and eco-sustainable tourism. To validate these research themes, the *PREVENT* project identifies as

case study a large sample of Neapolitan masonry bell towers.

*Staff involved*: Ornella Zerlenga, Gianfranco De Matteis, Claudia Cennamo, Vincenzo Cirillo, Corrado Chisari.

*Submission/start/end dates*: 2019/2020 - 02-12-2022

*Project status*: financed and completed.

***Project title*: CapsulART: improving conservation at art and cultural sites pandemic events**

*Scientific Responsible*: University of Bologna Alma Mater Prof. Marco Pretelli; UdR DADI Head: Francesca Castanò

*Title of the call for proposals*: FISR “Fondo Integrativo Speciale per la Ricerca” 2020IP\_05553 of the MUR. *Description of research activities*: Project proposal for research of particular strategic relevance, aimed at addressing the new needs and issues raised by the spread of the SARS-Cov-2 virus and Covid-19 infection, through the rethinking and/or reorganisation in different sectors of the traditional models of our society, in a multidimensional perspective

*Personnel involved*: Francesca Castanò

*Partner institutions*: Politecnico di Milano; Mann - National Archaeological Museum of Naples

*Submission/start/end dates*: 28/06/2020 / 01/11/2021-30/04/2022

*Project status*: financed and completed.

***Project title*: Nutri-epigenetics and physical activity: a natural help for Neurofibromatosis type 1 (TRANSITION).**

*Scientific Coordinator*: Prof. Carla Langella (until 31 July 2022); Prof. Daniela Piscitelli (from 1 August 2022 to end of project).

*Call title*: V: ALERE 2020 Programme

*Description of project research activities*: Scientific design for medical research. Design of communication artefacts dedicated to the prevention and treatment of patients with

Neurofibromatosis type 1 (NF1).

*Staff involved:* Daniela Piscitelli. Assignee: Roberta

*Angari. Project submission/start/end dates:* 12-2020/

08-2022 *Project status:* financed and completed.

**Research projects submitted in the last three years / not funded:**

*Project title:* **Bello Buono e Giusto / garrison of cultural regeneration art and design.**

*Scientific Coordinator:* Francesca Castanò, Rosanna Veneziano

*Call title:* MiC Contemporary Creativity Directorate General of the Ministry of Culture Call for Contemporary Creativity Lab (formerly Creative Living Lab - edition 6)

*Description of the research activities:* The project consists in the realisation of a strategic plan for the valorisation of the intangible heritage linked to conviviality and the inclusion of women in a fragile condition in the programme of activities about the theme "Design for Conviviality", which will take place at the "Galleria Porta Carrese" in Naples.

*Personnel involved:* Francesca Castanò, Rosanna Veneziano, Michela Carlomagno, Carmen Cecere. *Partners:* Libertà di Napoli soc. coop. sociale space for non-formal education, culture and creativity for young people and adults

*Submission/start/end dates:* 31/07/2024

*Project status:* positively evaluated / not financed.

*Project title:* **Fashion Alive: Made in Europe.**

*Scientific Coordinator:* Gisela Fortuna (Creamodite Asociacion, Madrid)

*UdR DADI responsible:* Roberto Liberti.

*Title of the call:* European Project, Objective 1 - Transnational creation and circulation

*Description of the research activities:* The project is based on knowledge sharing as a tool to stimulate creativity and find country-specific solutions in order to promote "Made In" fashion, while using co- production in the design artistic events to ensure a common narrative of the project. We rely on the transnational distribution of a behind-the-scenes documentary and, above all, establish a collaborative network to ensure the dissemination and visibility of KSADA's 'Made in Ukraine' collection, which will be presented in fashion shows in Portugal, Italy, Ireland and Latvia.

*Partner organisations:* Creamodite Asociacion para la constitucion y reestructuracion de empresas de moda. disenyo y tecnologia (Madrid), Università degli studi della Campania 'Luigi Vanvitelli', Maison Mesa (Spain), Ulisboa (Portugual), LSAD/TUS (Ireland), KSADA (Ukraine), LMA (Latvia).

*Submission/commencement/end dates:* submitted in 2023

*Project status:* positively evaluated / not financed.

*Project title:* **Runwaylive Europe (RUNEU).**

*Scientific Coordinator:* Gisela Fortuna (Creamodite Asociacion, Madrid)

*UdR DADI responsible:* Roberto Liberti.

*Call title:* RunwayLive Europe Project EU Grants. CREA-CULT-2024-COOP-1

*Description of research activities:* Developing new audiences through innovative digital and cultural strategies to promote the involvement of fashion in the metaverse.

*Partner organisations:* Creamodite (Spain), Unicampania (Italy).

*Submission/commencement/end dates:* submitted in 2023

*Project status:* positively evaluated / not financed.

**Project title: What food wants (WFW). The Systemic Design of new Food Systems.**

*Scientific Responsible:* Eleonora Fiore, University of Parma.

*UdR DADI responsible:* Daniela Piscitelli.

*Announcement title:* PRIN PNRR 2022. (Prot. P2022eljtl)

*Description of research activities:* Packaging and visual languages; packaging and functionality.

*Staff involved:* Daniela Piscitelli, Rosanna Veneziano.

*Partner institutions:* University Palermo, Turin Polytechnic, University of Turin, University of Campania 'Luigi Vanvitelli

*Submission/start/end dates:* November 2022

*Project status:* positively evaluated / not financed.

**Project title: Digital Fashion EcosiSTeMs: straTegies, proDucts, interActionS. (ESTETA)**

**Scientific Responsible: Rosanna Veneziano.**

*Title of the call:* Industrial Development Contract Proposal (Invitalia, Ministry of Economic Development).

*Description of the research activities:* The initiative aims to realise a collaborative ecosystem of design, production and information management towards users, supported by a Web 3.0 digital platform, capable of managing virtual experiences and products, through advanced technologies related to fashion in the Metaverse. The prospects for productive innovation with respect to the industrial research programme concern the orientation of the Campania Fashion Supply Chain towards digital fashion-oriented scenarios, the optimisation of production processes through the introduction of collaborative phygital technologies and processes, and the enhancement of marketing and brand engagement strategies.

*Staff involved:* Alessandra Cirafici, Ornella Cirillo, Roberto Liberti, Daniela Piscitelli, Patrizia Ranzo, Maria Antonietta Sbordone, Chiara Scarpitti, Rosanna Veneziano. PhD students: Annarita Bianco

*Partner Entities:* P.F.C.M.N.A. S.P.A.; 5p Produzione S.R.L.; Itson S.R.L.; Innovaway S.P.A.; Università Degli Studi Della Campania Luigi Vanvitelli (Network "Filiera Moda Campania").

*Project submission/start/end dates:* June 2022

*Project status:* favourable opinion of the Campania Region, MISE/INVITALIA. Positively evaluated / not financed.

**Project title: BENGEMS. Multisensory jewels with beneficial effects made with volcanic stones from the Mediterranean area.**

*Scientific Coordinator:* Maria Dolores Morelli

*Call title:* PRIN 2022

*Description of the project's research activities:* The research "BENGEMS", in accordance with the "DNSH", pursuant Art. 17 of Regulation (EU) 2020/852 and the relevant EU and national environmental regulations, intends to valorise the natural resources of the Mediterranean area by designing and creating multi-sensorial jewels with volcanic stones. These gems, in addition to reflecting the mineral characteristics of the area, may contain and possibly release a number of trace elements that could benefit humans. The research aims to compose precious artefacts that can bring well-being to the wearer, satisfying multiple needs: healthy, visual, tactile, auditory, in full respect of sustainability and the enhancement of the area's resources. To achieve this goal, gems are harvested without defacing the environment, analysed for their hidden precious properties, and enhanced through appropriate media design that can also provide users with a

pleasant musicality.

*Personnel involved:* Morelli Maria Dolores Unicampania, Pappalardo Lucia, Cirillo Teresa Unina, Babini Paola Ababo, Storace Anna Maria Issm.

*Partner Institutions:* DADI, University of Campania 'Luigi Vanvitelli', Institute of Hygiene, University of Naples 'Federico II', National Institute of Geophysics and Volcanology, Academy of Fine Arts in Bologna, Superior Institute of Music Studies 'Giuseppe Verdi', Ravenna.

*dates:* 31/03/2022

*Project status:* unfunded.

**Project title: MASS \_ MATCHing Style with Sustainability. A New Bauhaus for renewable energy systems in the historic urban landscape.**

*Scientific Coordinator:* Maria Rita Pinto (UNINA)

*Head of UdR DADI:* Sergio Sibilio

*Call title:* PRIN PNRR 2022

*Description of the research activities:* The desired spread of energy production systems from renewable sources is still far from the goals set by the 2030 Agenda. The process of change requires an incisive creative effort to reconcile the transformation needs arising from new technologies with the demands for the preservation of the identity of territories. The protection, enhancement and management of the historical landscape are also sustainable development strategies, based on the potential expressed by territories in terms of natural, economic, cultural, human and social capital. Circularity is therefore the strategy by which processes, projects and interventions must be inspired. The NextGeneration EU cultural project therefore calls for a systemic change, with its own recognisable aesthetic, to combine style and sustainability.

*Personnel involved:* Maria Rita Pinto, Katia Fabbicatti (Unina), Sergio Sibilio, Morelli Maria Dolores, Raffaella Marzocchi (Unicampania), Stefania Dei Medici (Unict), Antonella Mami' (Unipa). *Partner organisations:* DADI, University of Campania 'Luigi Vanvitelli', DIARC, University of Naples 'Federico II', Department of Architecture, University of Palermo, SDS, University of Catania.

*Submission/start/end dates:* 30/11/2022

*Project status:* unfunded

**Project title: TR.A.FT.**

*Scientific Responsible:* Roberto Liberti

*DADI UdR responsible:* Patrizia Ranzo, Maria Dolores Morelli, Rosanna Veneziano, Chiara Scarpitti.

*Call title:* HORIZON-CL2-2022-HERITAGE-01, (Research and innovation on cultural heritage and KICs - 2022) Topic: HORIZON-CL2-2022-HERITAGE-01-04 Type of Action: HORIZON-RIA Proposal number: 101094915.

*Description of the research activities:* in the field of traditional artistic handicrafts is designed to respond in a

precise and tailor-made form to the Horizon Europe, Pillar-2, Cluster-2, Destination-2

HORIZON-CL2-HERITAGE- 04-01-2022: Traditional crafts for the future: a new approach. The project stems from the specific and direct experience gained in the field of traditional artistic ceramics by a network of specialised subjects, each according to their competences, and for the most part already working in close network cooperation, also making use of state-of-the-art technologies, such as AR, VR and AM to reach new opportunities for a wider dissemination of the market, culture and heritage.

*Partner Entities:* General coordinator: ALMA MATER STUDIORUM - University of Bologna;



partners: Agrupacion Europea de Cooperacion Territorial Ciudades Spain Partner; Consorzio MEDITECH - MEDITERRANEAN COMPETENCE Italy; WORLD CRAFTS COUNCIL EUROPE COMPANY LIMITED BY Ireland; Instituto Politecnico de Leira Portugal; Kutahya Belediyesi Turkey; University of Stuttgart Germany; LATVIJAS MAKSLAS AKADEMIJA Latvia; Ceràmica Cumella, SL Spain; COLOBOBBIA Italia SPA Italy; Akademia Sztuk Pieknych im.E.Gepperta we Wroclawiu Poland; MANUFAKTURA W BOLESŁAWCU SMOLENSKI & ZWIERZ, S PL; Simpas Turizm A.S. Turkey; Istituto Caselli/Raro Real Fabbrica di Capodimonte.  
*Project status:* positively evaluated / not financed.

***Project title: Active Pathways for Sustainable and Inclusive Development (P.A.S.I.)***

*DADI UdR Manager:* Patrizia Ranzo, Rosanna Veneziano

*Call title:* Projects for the cultural and social regeneration of small historic villages (PNRR M1C3 - Investment 2.1 - Attractiveness of Villages - Line B) MiC - Ministry of Culture

*Description of research activities:* The general objective of the PASSI project is to build an enabling and participatory system for the sustainable and innovative valorisation of the territory in order to generate employment, counteract the demographic exodus, increase cultural participation and tourist attractiveness in the villages targeted by intervention. The specific objective is the realisation of an ecosystem of tangible and intangible infrastructures connected by physical routes, events and service flows that will foster the meeting and co-planning between public, private and community actors, both local and external.

*Staff involved:* Patrizia Ranzo, Rosanna Veneziano, Roberto Liberti, Maria Antonietta Sbordone, Chiara Scarpitti.

*Partner Entities:* Municipality of Laurino, Municipality of Cannalonga, University of Campania L. Vanvitelli - Department of Architecture and Industrial Design, The American University of Rome, Foodscapes - Sistemi Territoriali Srl (innovative start-up), Rete di Imprese AltroCilento, Associazione Sfavilla

*dates:* March 2022

*Project status:* Evaluated positively / not financed.

***Project title: Spoke "Creativity, design and made in Italy" within the proposal "EIC2. Ecosystem of cultural and creative innovation".***

*DADI UdR Manager:* Patrizia Ranzo

*Call title:* PNRR MUR 3277

*Staff involved:* Patrizia Ranzo, Rosanna Veneziano, Roberto Liberti, Maria Antonietta Sbordone.

*dates:* February 2022

*Project status:* Evaluated positively / not financed.

***Project title: Made in Italy 2030: designing the sustainable future***

*DADI UdR Manager:* Patrizia Ranzo

*Call title:* PNRR 2022

*Staff involved:* Patrizia Ranzo, Rosanna Veneziano, Roberto Liberti, Maria Antonietta Sbordone, Chiara Scarpitti.

*dates:* February 2022

*Project status:* Evaluated positively / not financed.

***Project title: Re-creating Public Space for Climate-friendly, Inclusive, and Attractive***



### **Neighbourhoods in Southern European Cities (RECLAIM)**

*Scientific Responsible:* Adriana Galderisi.

*Call title:* International Driving Urban Transitions Partnership (DUT) Joint Call 2022

*Staff involved:* Marco Calabrò, Rosanna Veneziano, Giuseppe Guida.

*Partner institutions:* University of Porto - Faculty of Engineering; CITTA - Research Centre for Territory, Transports and Environment; Università della Campania L. Vanvitelli - Department of Architecture and Industrial Design; IUAV University of Venice; Technical University of Madrid/TRANSyT - Transport Research Centre; Aristotle University of Thessaloniki; Municipality of Porto; Municipality of Bacoli; Madrid Transport Authority; Municipality of Thessaloniki; Municipality of Nicosia; Urban Gorillas.

*Submission/start/end dates:* 21/11/2022.

*Project status:* unfunded.

### **Project title: By Sea, the time machine**

*Scientific Responsible:* Francesco Sirano *UdR DADI Responsible:* Maria Dolores Morelli

*Title of the call:* Creative Living Lab Award, General Directorate for Contemporary Creativity of the Ministry of Culture.

*Description of the research activities:* "By Sea, the time machine" aims to build together with the community the identity of this new space so that it can become a place of aggregation, an engine of creativity and local urban culture. The strategic location of the area makes it possible to create an urban connection between the Archaeological Park and the modern city, bringing the local community and visitors to the Archaeological Park into dialogue. "By Sea, the time machine" is developed as a creative process in which laboratories and workshops conducted by local organisations and artists will see the active involvement of the community in the creation of an all-round cultural use of the Via Mare. The actions will also contribute to defining possible models of community space management.

*Staff involved:* Jane Thompson, Francesco Sirano, Salvatore De Rogatis, Francesca Del Duca, Emilio De Matteo, Stefano Cozzella, Roberto Sansone, Mario Notomosta, Vincenzo Gallo, Maria Dolores Morelli. *Submission/start/end dates:* 08/07/2022

*Project status:* unfunded.

### **Scientific products during the last three years:**

*10 scientific publications in Class A journals and/or indexed in the Scopus/WoS databases:*

- [1] (2024). Piscitelli, D., Angari, R., *LifeLong learning. Un campo di sperimentazione per il design.* (pp. 18-29). MD Journal. vol. 17. (Open Access | Rivista Scientifica Classe A). ISSN 2531-9477
- [2] (2024). Morelli, M. D. *Precisazioni sull'ecodesign.* (pp. 139-145). OP. CIT. vol. 181. (Open Access | Rivista Scientifica Classe A). ISSN 0030-3305.
- [3] (2024). Liberti, R. Cirillo, O., Cirillo, V., Scarpitti, C., *Fashion Alive, from the Unique to the Multiple. Design Experiments for Sustainable Fashion*, in Advances in Fashion and Design Research II. Proceedings of the 6th International Fashion and Design Congress, CIMODE 2023, pp 395/406, Springer ed., Cham Svizzera, ISBN 978-3-031-43937-7
- [4] (2023). Piscitelli, D., Rosmino, A., Scarpitti, C. *Synesthetic Identities. Brain-computer Interfaces as a Tool for Interactive Visual Landscapes.* (pp. 120-132). DIID vol. 81 (Open Access | Rivista Scientifica Classe A). DOI: 10.30682/diid8123.

- [5] (2023). Veneziano R., Carlomagno, M., Jayed, I, *Strumenti e segni grafici per un training di inclusione linguistica*, MD Journal vol. 15. (Open Access | Rivista Scientifica Classe A). ISSN 2531-9477.
- [6] (2023). Palmieri, A. *Midjourney experimentation: representing Nature on a macro scale*. In: *SCIRES-IT - SCientific REsearch and Information Technology*, vol. 13, issue 1, pp. 181-188. (Open Access | Rivista Scientifica Classe A). ISSN: 2239-4303
- [7] (2023). Sbordone, M. A., Amato, C. I. *From Farm to Clothes. Design for New Bio-Based Textiles Productions from Local Feedstocks*. In D. Raposo, J. Neves, R. Silva, L. Correia Castilho, R. Dias. Springer Series in Design and Innovation 25. ISBN: 978-3-031-09658. DOI. <https://dx.doi.org/10.1007/978-3-031-09659-4>. Scopus Index: 2-s2.0-85133418041
- [8] (2023). Castanò, F. *The construction of modern factory. The introduction of prefabrication in Terra di Lavoro*. In Vitruvio. International Journal of Architecture Technology and Sustainability, n. 8, Special Issue 2, 2023, pp. 18-33. (Open Access | Rivista Scientifica Cl. A).
- [9] (2022). Zerari, S., Cirafici, A., Sriti, L., Pace, V., Palmieri, A. *Reflections on the vernacular mosques of the Souf region in Algeria. Towards an inventory of the local architectural language*. in A|Z ITU Journal of the Faculty of Architecture. (Open Access| Scopus Index). Pubblicazione online ISSN: 2564-7474.
- [10] (2022). Dal Falco, F., Veneziano, R., Carlomagno, M. *Natural and artificial interaction. Symbiotic processes between science, art and design*. in Agathón, vol.11, (pp. 274-28). (Open Access | Rivista Scientifica Classe A). ISSN 2532-683X. DOI: 10.19229/2464-9309/11252022

*Additional 10 scientific products:*

- [1] (2024). Ranzo, P., Scarpitti, C. *Per un design more-than-human: la condizione digitale e l'estetica post-antropocentrica*. GUD |Genova University Design, Vol. n.9. Iperumano/HyperHuman. (pp. 06-15). Rivista Scientifica in Open Access. Stefano Termanini Editore. ISSN: 1720-075X
- [2] (2024). Liberti, R., Di Sarno, S., Alfieri, V., Cannavacciuolo, C., *Hyper-Nature: Slow Manufacturing and Artificial Intelligence for a Conscious Fashion System*, (pp. 707/721) in For Nature/With Nature: New Sustainable Design Scenarios, Springer Series. (Open Access | Scopus Index). ISSN 2661 - 8184 – 1884
- [3] 2024 Piscitelli D., SYMBIONTEN. In Höger, H.L. (a cura di) Updating Roland Barthes' Mythologies ISBN: 9791298510210
- [4] (2023). Cirillo, O. *Città e moda, luoghi e protagonisti a Napoli tra fine '800 e metà '900*. Arte'm. ISBN: 978-88-569-0630-1
- [5] (2023). Liberti, R., Alfieri, V., Di Sarno, S. *Paradigm Shift for an Environmentally Conscious Tanning Sector*, SPRINGER - FL Conference | Fashion & Sustainability, 2023, Lisbona, Portogallo.
- [6] (2023). Battelli, C., Cirafici, A., Zerlenga, O. *Transizioni digitali: artefatti dalle macchine intelligenti. Riflettendo con Cesare Battelli*. In. M. Cannella, A. Garozzo, S. Morena (eds) *Transizioni Transitions- Attraversare Modulare Procedere* (pp. 2358- 2379). FrancoAngeli. ISBN: 9788835155119.  
URL: <https://series.francoangeli.it/index.php/oa/catalog/view/1016/880/5823>
- [7] (2023). La Rocca, F. *Exploring life through design. New questions, a new imagery. Cuadernos del centro de estudios en diseño y comunicación. Ensayos*. n. 190. Numero monografico sul tema "Design, Innovation and Transdisciplinarity III – 2023. Bio-design and production in times of crisis" (pp 49-64). ISSN:1853-3523

- [8] (2022) Piscitelli, D. *Raccontare le emergenze. Una questione aperta*. In Cortoni, I., Cristallo, V., Faloni, V., Mariani, M., (a cura di), *Dai dati allo Storytelling. Il ruolo dell'infografica nel racconto della pandemia Covid 19* (pp. 120-124) Franco Angeli. ISBN 978-88-351-3724-5
- [9] (2022). Sbordone, M. A., Amato, I., Orlacchio, M. *Prepararsi ora! Design riparatore e autosufficienza programmata*. in MD Journal n.14. Grafiche Baroncini. Pubblicazione online ISSN 2531-9477. ISBN 978-88-85885-07-3. (Open Access | Rivista Scientifica Classe A).
- [10] (2024). Zerlenga, O., Cirillo, V., Iaderosa, R. *'Linee forza essenziali' nei manifesti futuristi*. In Rodríguez Barros, D. et al. (Eds.), VIII Congreso Internacional de Expresión Gráfica en Ingeniería, Arquitectura y Carreras Afines, (pp. 423-430). Córdoba (Argentina): Editorial de la Facultad de Arquitectura, Urbanismo y Diseño de la Universidad Nacional de Córdoba. ISBN: 978-987-8486-51-2 (Open access).

**Relationships with international and national Companies, Institutions, Research Centers, Universities during the last three years:**

CIAUD Centro de Investigacao em Arquitetura Urbanismo e Design, Lisboa, Portugal  
Universidade do Minho, Departamento de Engenharia Textil, Guimaraes, Portugal  
UL Universidade de Lisboa, Portugal  
SUPSI, Bachelor of Arts in Visual Communication, Mendrisio Campus, Switzerland  
Universidad de Palermo, Argentina  
FADE, Universidad de Buenos Aires, Argentina  
Universidad Federal de Pernambuco, Brazil  
Universidade São Paulo, Brazil  
C.E.S.A.R. School, Recife, Brazil  
SUSTech, School of Design, Shenzhen, China  
College of Design and Innovation Tongji University, Shanghai, China  
School of Design / East China Normal University Shanghai, China  
Goenka University, New Dheli, India  
Universidad de Alcalá Facultad, Departamento de Arquitectura, Alcalá de Henares (Spain);  
Universidad Politécnica de Cartagena, Escuela Técnica Superior de Arquitectura y Edificación; Universidade de Lisboa, Departamento de Artes, Humanidades e Ciências Sociais, Lisboa (Portugal); Universitat de les Illes Balears (UIB), Higher Polytechnic School (Spain)  
University of Applied Sciences, Hochschule Koblenz (Germany)  
Universidade Federal do Paraná, Curitiba, Brazil  
University of the Republic of San Marino, San Marino École  
Intuit Lab, Paris, France (signed by the Rector)  
Epoka University, Tirana, Albania (Framework agreement signed in 2019)  
Çankaya Üniversitesi, Ankara, Turkey  
University of Canterbury School of Product design New Zealand

**DADI Conventions**

**2024-2027\_Convention DADI - M.Z COSTRUZIONI SRL, brand Dowedo®,**  
Convention for research activities between the Department of Architecture and Industrial Design of the University of Campania 'Luigi Vanvitelli' and M.Z COSTRUZIONI SRL,

brand Dowedo®, Scientific Responsible: Maria Dolores Morelli, Roberto Liberti  
18 December 2024/3 YEARS

**2023-2026\_ DADI - CNA Convention**

Convention for research activities between the Department of Architecture and Industrial Design of the University of Campania 'Luigi Vanvitelli' and CNA

Scientific officer: Maria Dolores Morelli Convention 24/03/2017 No. 11

**2023-2026\_ DADI - VESOI Convention**

Convention for research activities between the Department of Architecture and Industrial Design of the University of Campania 'Luigi Vanvitelli' and VESOI

Scientific responsible: Maria Dolores Morelli, Sergio Sibilio Convention December 2023

**2023-2026\_ Convention I dream of a Jewel / Corvino Jewellery**

Scientific Responsible: Maria Dolores Morelli, Danila Jacazzi

The research activity financed by the Corvino jewellers, based in San Marcellino (CE) and with OROMARE involves the design and prototyping of precious artefacts on the theme education in feeling and self-care.

Personnel involved: Carmela Barbato, Raffaella Fiorillo, Felicia Di Girolamo. Partners: Corvino Jewellers, Oromare

Date of submission/start/end of project: 08/03/2024, ongoing.

**2022-2025\_ Convention First Municipality of the City of Naples**

Research agreement within the framework of Public Engagement activities with the First Municipality of the City of Naples, project objective: *valorisation and promotion of the tangible and intangible heritage of the city of Naples and related activities.*

Scientific co-responsibility Prof. D. Piscitelli, Prof. O. Zerlenga Project start date: 12 July 2022; project end

date: 12 July 2025;

**2021-2025\_ Convention for the Project for the Enhancement and Use of the Cerveteri Archaeological Site through Digitisation Systems**

Scientific Responsible: Fernando Gilotta, Alessandra Cirafici. UdR DADI

Responsible: Alessandra Cirafici.

Partner institutions: ALES - Arte Lavoro e Servizi S.p.A. Submission/start/end dates: submission year 2021.

**2022-2023\_ DADI - MANN Convention**

Agreement for research activities between the Department of Architecture and Industrial Design of the University of Campania "Luigi Vanvitelli" and the National Archaeological Museum of Naples - MANN MIBAC-MANN-NA\_PON - CULTURE and DEVELOPMENT\_ERDF 2014\_2020

Title of research: 'Scientific research project experience design in the Campana Statuary Section'.

Scientific Responsible: Alessandra Cirafici MINACT\_MANN

REP. Convention 24/03/2017 no. 11 (Protocol no. 82120 of 01/06/2022).

**2022\_ Convention DADI and Contract Consulting COSMIND srl**

Scientific Responsible: Roberto Liberti, Giovanni Ciampi

Research team: Gabriele Pontillo, Silvestro Di Sarno, Chiara Scarpitti

Description of the research activities: The core of the agreement relates to the design and project



of the "capsule collection" of steel objects/jewellery/accessories that are the subject of this agreement; in particular, various design solutions will be developed and verified within the teaching of Fashion Ecodesign 1, incardinato in the Master's Degree Course in Design for Innovation, Fashion Ecodesign curriculum, up to the creation of a series of prototypes with 3D printers and specific machinery available to COSMIND srl that will be presented as part of the LINEA PELLE 2022 event at FIERAMILANO RHO. The possibility of using innovative materials for the collections under study will be evaluated.

*Project run date:* 1 May 2022 / 1 May 2023

**2022\_Convention DADI and Contract Consulting - Association Chiaiolella Borgo Marinaro Procida Capital of Culture**

*Research title:* *Threads of shadow, threads of light* *Scientific Coordinator:* Ornella Cirillo

*Description of the project's research activities:* The research and design, aimed at the realisation of an exhibition entitled "Fili d'Ombra, fili di luce" (Shadow strands, light strands) concerned the historical-critical research, product design processes and communication of upcycling practices related to local linen

handicraft production.

*Personnel involved:* Ornella Cirillo, Caterina Cristina Fiorentino, Roberto Liberti *Status of project:* completed

*Project run date:* 20 April 2022 / 31 December 2022

**2022\_DADI Convention in the framework of Public Engagement activities with the First Municipality of the City of Naples**

*Scientific Responsibility:* Daniela Piscitelli, Ornella Zerlenga

*Description of the project's research activities:* Enhancement and promotion of the tangible and intangible heritage of the city of Naples and related activities.

*Project completion date:* 12 July 2022 - 12 July 2025.

**2021\_Framework Agreement: DADI - FONDAZIONE MORRA- DAFNA GALLERY- INTRAGALLERY/ ASSOCIAZIONE CULTURALE INTRAPRENDERE**

*Project:* You are here / Vico Pero / Giacomo Leopardi DADI

*Scientific Coordinator:* Alessandra Cirafici

Scientific collaboration with the urban art project curated by artist Eugenio Giliberti in collaboration with Fondazione Morra- Dafna Gallery- Intragallery. Patronage and programme agreement with the City of Naples.

**Collaborations with Consortia, Scarl or other Institutions participated by the University of Campania Luigi Vanvitelli during the last three years:**

*Institutions, Bodies and Associations:*

Caserta Air Force Academy

ANAI Associazione Nazionale Archivi d'Impresa-Sezione

Campania Autism Aid Onlus

National Chamber for Italian Fashion

Cediam SA Centre d'Etude et Developpment Agricole et Industriel du

Mali City of Naples

Municipality of Procida

Convent of St. Mary in

Jerusalem CREAMODITE



(Madrid, Spain) Federmoda  
 National Institute of Architecture - Inarch - Campania  
 section Polymers, Composites and Biomaterials Institute  
 CNR Lineapelle, Milan  
 Monte Carlofruit, S.a.r.l. Principality of Monaco  
 SSIP Experimental Station for the Leather and Tanning Material Industry XsentrikArts  
 (Austria) DESINA. Festival of graphics and visual cultures  
 First Municipality of the City of Naples, 2022-  
 2025 Monte Carlofruit, Monaco, 2020-2025  
 Never Say Media/Ricle TV  
 Politecnico di Milano - Observatory on Gender Cultures  
*Museums and Foundations:*  
 Angelo Mangiarotti Foundation Isaia & Isaia Foundation  
 Fondazione Morra Dafna Gallery - Intragallery/ Associazione Culturale  
 Intraprendere, Naples Fondazione Teatro San Carlo, Naples  
 Inarch - Campania section  
 National Institute of  
 Architecture  
 MANN - National Archaeological Museum of  
 Naples Coral Museum, Torre del Greco  
 Fashion and Textile Museum - Mondragone Foundation, Naples  
 Liverino Museum, Torre del  
 Greco Plart, Naples  
 Herculaneum Archaeological  
 Park Royal Palace of Caserta

*Enterprises:*

Amina Rubinacci; Bumi; Blue Engineering s.r.l., Bverse; Cannella; Carpisa;  
 Carrozzeria Nuova San Leonardo, Ceditam SA; Cesare Attolini; Ciro Paone Spa,  
 (Kiton group); Coesium; Cosmind; CottoVietri; dielledue; Ditron; E-voluzione;  
 FabLab Napoli; Hi-Jet S.r.l.; HUB SPA; IEM Lab; Inticom; Leonardo Ricerche;  
 OFT; Studioesse; Litho; Technova Scarl; Tecnosystem; Emilio Schubert; Mario  
 Valentino spa; Livio De Simone; Kuvera; Form Retail, Gala Gloves;  
 MATALCO s.r.l., TELENIA S.r.l.; TechnoDesign  
 S.r.L. Kuvera group (Carpisa, Yamamay, Jaked); Oromare; Vesoi.

**ISI Web of Science Subject Categories:**

Engineering  
 Industrial Art &  
 Architecture  
 Literary Theory & Criticism Social Sciences Interdisciplinary

**Scientific-Disciplinary Sectors:**

CEAR - 08/D  
 CEAR - 08/C  
 CEAR - 09/A  
 CEAR / 10

CEAR - 11/A  
CEAR - 08/A  
IIND - 07/B  
ECON - 07/A

**Keywords:**

Design for Sustainability  
Design for Emergency  
Eco-Product Design  
Eco-Fashion Systems  
Design Critique  
Speculative Design  
Ethical Visual Communication  
Social Design  
Advanced Textile Bio Innovation

**ERC Categories:**

PE08 Products and Processes Engineering  
PE08\_10 Manufacturing engineering and industrial design  
PE08\_11 Environmental engineering, e.g. sustainable design, waste and water treatment, recycling, regeneration or recovery of compounds, carbon capture & storage  
SH8 Studies of Cultures and Arts  
SH8\_3 Cultural studies and theory, cultural identities and memories, cultural heritage SH8\_4  
Museums, exhibitions, conservation and restoration  
SH8\_5 History of art and architecture  
SH8\_6 Architecture, design, craft, creative industries  
SH8\_8 Visual and performing arts, screen, arts-based research SH8\_9 Digital approaches to anthropology, cultural studies and art