

Laboratorio di Ricerca LANDesign®

Local Area Network Design

Principal Investigator:

Prof. Sabina MARTUSCIELLO

Responsible for teaching and research activities in the laboratory (R.a.d.o.r.):

Prof. Sabina MARTUSCIELLO (prot. 12026 del 27/02/2015)

Location:

The LANDesign Laboratory is located in the Abbey of S. Lorenzo ad Septimum, Department of Architecture and Industrial Design, Aversa.

**Main Laboratory Activities:**

The focus of the Laboratory is “*e-duco/pro-duco*” (e-ducate/pro-duce): e-duco in the sense of raising, nourishing, feeding, extracting, drawing and pro-duco with the meaning of promoting, generating, creating actions and products on the LANDesign® theme.

According to ONU AGENDA 2030 for sustainable development.

The research lines of the laboratory are the following:

LAND Design, recovery of outdoor areas abandoned to neglect converted into urban vegetable gardens or agricultural gardens located in educational facilities, to spread the culture of the territory, its regeneration and its traditions, through public participation and awareness with the aim of its sustainable development;



ALI-MENT-ACTION, intended in the breakdown of the three fundamental ingredients of the food chain: ALI-intangible creative component of design, associated with the MIND that organizes, structures and conforms tradition and innovation for a productive ACTION.



DIAETA MEDITERRANEA, intended to broaden the meaning of the word Diet into Diaeta: space of the Roman domus for reception, relationships, sharing that anticipates the ritual of food, structuring a permanent dialogue on the topic with young graduates, university students, schools, institutions, municipalities, consortia, companies of the green economy and tourism, of the agri-food and pharmaceutical sector, pharma food design, (design of analogue and digital products and services for health and well-being in the medical-health field).



HABITUS, with the extended meaning of the Latin term habitus as *habit*, way of being, living, dressing, *habitare secum* (listening space).



POTDESIGN educo / produco, the research line provides training activities aimed at directing school students to university studies, through workshops "for the recognition of skills and the development of vocations" and provides for interaction with all the National Degree Courses of Class L4 and the activities promoted by POT and PLS of the University.



CARLO FERRARO MOVEMENT FOR THE DIGNITY OF UNIVERSITY TEACHING.

The Movement born in 2016 by Prof. Carlo Ferraro develops in accordance with Objective 16 for Sustainable Development *dedicated to the promotion of peaceful and inclusive societies for the purposes of sustainable development, and also aims to provide universal access to justice, and to build responsible and effective institutions at all levels.*



PROJECT AND CONSTRUCTION SCIENCE, educating to applying a scientific-critical approach to the solution of design problems and construction problems. This is achieved by nurturing the students' ability to sustainably combine the intersubjective scientific method, aimed at respecting the laws of existing physical reality, with the dichotomous need to modify the existing reality by fulfilling the metatheoretical motivations of the Project, i.e., by catalyzing the dynamics of personal and transpersonal creative expressions of students and of the communities and territories concerned.



Main Equipment:

The LANDesign Laboratory has about 2800 m² of fruit-vegetable garden for “in situ” experimentation and 40 workstations for Research/Teaching activities.

Associated Research Groups

- __LANDesign®;
- __Gemme e Gioielli: Storia e Design
- __REsilienza delle STRutture - REST
- __BENECON SCaRL CATTEDRA UNESCO on Landscape, Cultural Heritage and Territorial Governance

Reference Scientific Subject Areas:

ICAR/13; ICAR /12; ICAR/14; ICAR/08; ICAR/19; CHIM/10; AGR/14; AGR/02; MED/12; SECS-P/08.

ISI WEB categories:

Design;
Agriculture Multidisciplinary;
Gastroenterology & Hepatology;
Horticulture;
Pharmacology & Pharmacy;
Business;
History;
Planning & Development;
Architecture;
Food Science & Technology.
Computer Science
Engineering
Economia/Business

ERC categories:

LS7_3 Pharmacology, pharmacogenomics, drug discovery and design, drug therapy;
LS9_6 Food sciences;
PE10_12 Sedimentology, soil science, palaeontology, earth evolution;
PE8 Products and processes engineering: Product design, process design and control, construction methods, civil engineering, energy systems, material engineering
PE8_11 Industrial Design;
PE8_12 Sustainable design (for recycling, for environment, eco-design);
PE8_16 Architectural engineering;
SH_1 Social structure, social mobility, social innovation
SH3_ Communication and information, networks, media
SH1_8 Banking, corporate finance, accounting;
SH2_8 Legal studies, constitutions, comparative law, human rights;
SH6_11 Cultural history, history of collective identities and memories
SH1_9 Industrial organisation; strategy; entrepreneurship

Keywords:

POT, design, school, tutor action, education, orientation, ali-ment-azione, diaeta mediterranea, pharma food design, social changes, environmental design, innovation, creativity, construction science.