

Design for Spatial Relations Lab.

INTRODUCTION TO DSR.LAB.



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Indice

who we are

THE LABORATORY IS SITUATED IN DESIGN CAMPUS AT THE **UNIVERSITY OF FLORENCE**. WE WORK CLOSELY WITH INTERNATIONAL RESEARCH INSTITUTIONS AND LABORATORIES AS WELL AS OTHER LABORATORIES IN THE DIDALABS NETWORK. WE CARRY OUT ACTIVITIES TO ESTABLISH LINKS AND INTEGRATIONS ON SPECIFIC APPLICATION SCENARIOS VIA ACTIVATING CONNECTIONS AND CONVERGENCES ON SPECIFIC AREAS.

OUR MOTO IS TO DESIGN INTERACTION
PERCEPTION
AND FUTURE SPACES.

Our Mission

WE OPERATE ON SPACES THAT ARE NO LONGER
DEFINITIVE BUT INCREASINGLY GROWING INTO
DIFFERENT MURATION SCENES.

IN ORDER TO DEFINE INTANGIBLE SPACES, THE POWER
OF THE DISCIPLINE OF DESIGN MUST BE PUT IN PLAY IN
THE INTERACTION BETWEEN
MAN/ PRODUCT/ ENVIRONMENT.

WE ARE KEEPING UP WITH THE
LATEST ADVANCES IN RESEARCH. DSR LAB HAS BEEN
EXTENDED ITS RESEARCH INTO NONPHYSICAL
DIMENSIONS SUCH AS SOUND SPACE, TACTILE SPACE,
OLFACTORY SPACE, TO ADDRESS THE COMPLETE THE
DEFINITION OF ENVIRONMENTS.

GIVING SOUL AND MEANING TO THE PLACES OF LIVING,
COMBINING CULTURAL AWARENESS, TECHNICAL AND
TECHNOLOGICAL SKILLS, VISUAL AND SOCIAL
COMMITMENT, CHARACTERISTICS THAT BELONG TO A
CONSOLIDATED VOCATION OF THE FLORENTINE SCHOOL
OF DESIGN AND ARCHITECTURE.

Application Areas | keywords

THE DESIGN FOR SPATIAL RELATIONS LAB. PARTICIPATES IN PROMOTING AND COORDINATING TRAINING ACTIVITIES, SUCH AS IN-DEPTH SEMINARS, WORKSHOPS, AND TRAINING ACTIVITIES FOCUSING ON EMERGING PROFESSIONAL SKILLS DEVELOPMENT IN THE FIELD.

INTERNET OF THINGS

The development of home automation applications and the internet of things in furniture systems, with insights into the role of objects to mediate between the tangible world and the digital world by improving the management and organization of living

SELF-CONSTRUCTION PROCESSES

The implications in the housing sector of the self-construction processes, from the use

of 3D printers to the FabLabs, with the development of themes (implementation and customization of living spaces) which, in the most recent experiences of participatory design laboratories, involve public space, showing a use of self-construction in the preparation of the spaces of relationship

HABITABLE INTERIORS

The design of the "habitable interiors" in the means of transport, from trains to campers, to boats up to the new types of "mobile" homes (Tiny Houses, Mobile Homes)

RELATIONSHIP WITH THE GREEN

In the design of home systems, combining the main soilless cultivation techniques (hydroponics, fog cultivation and fish and vegetable symbiosis), study the relationship between indoor and outdoor greening and smart homes

APPLICATION AREAS

OPEN MICRO SPACES

Through set-up methods to reconfigure the space, and apply new technologies to urban open micro spaces (urban interior spaces and interstitial spaces), to activate the internal social relationships of these remaining spaces

INTERIOR SPACES

The innovation of traditional types of interior spaces aimed at defining new types of spaces intended for living in all its forms; from domestic, to new expressions of creative work, from spaces for learning and culture to spaces for goods

**VISUAL AND
INTERIOR**

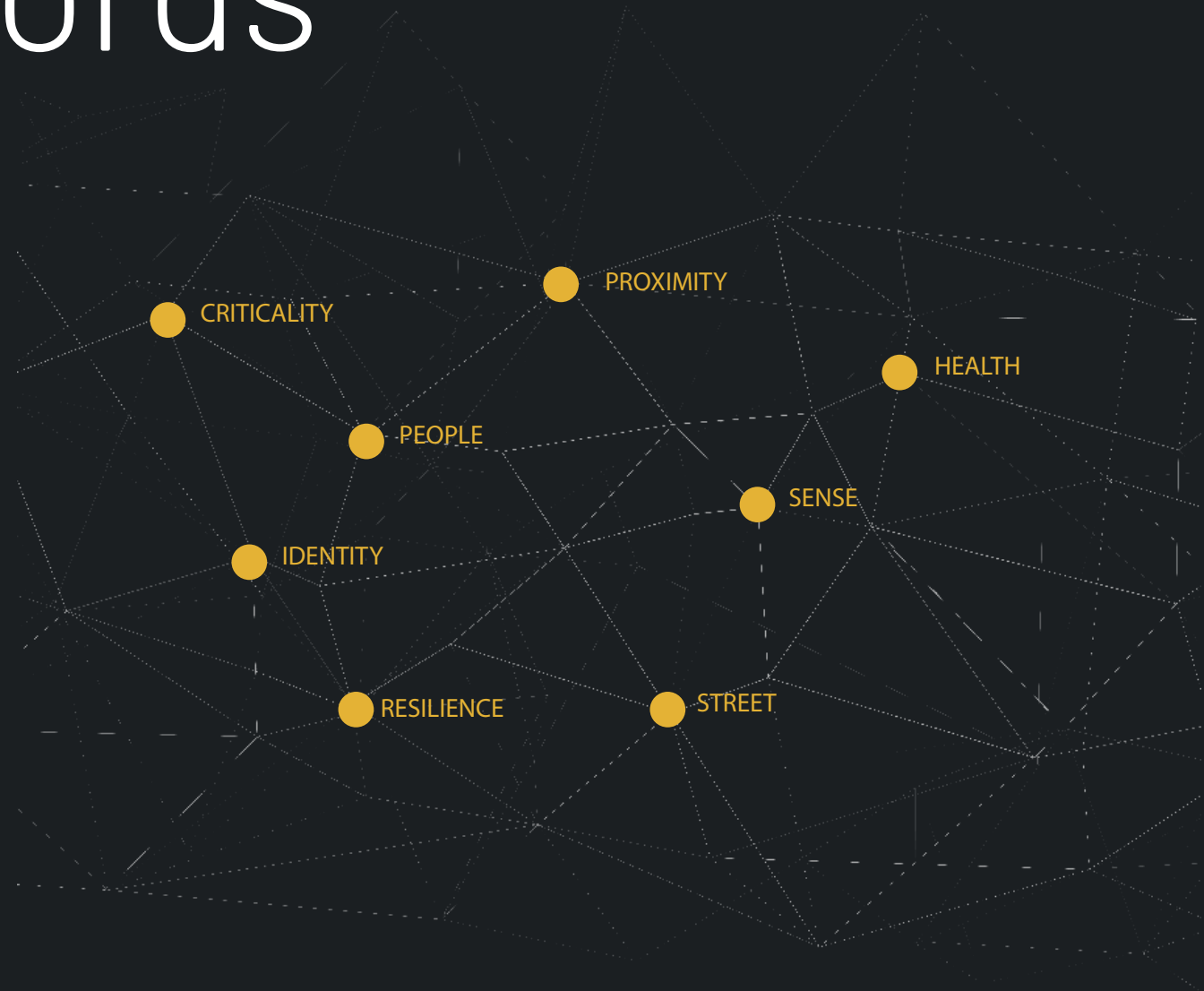
Research on the connections between communication components (visual design), technological components (internet of things) and exhibition components (furniture systems), in the narration of cities, to develop a "cultured tourism" and the "deep reuse" of urban space

The laboratory works closely with international research institutions and laboratories as well as other laboratories in the DIDALabs network to carry out activities to establish links and integrations on specific application issues., activating connections and convergences on specific application issues.

Keywords

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LAB DSR



us_

The Design for Spatial Relations Lab. operates in the field of Spatial Design, an emerging research area that goes beyond the boundaries of the specializations of Product Design, Interior Design and Service Design, to work on relationships between people, objects and places and the role of objects and technologies in the understanding, perception, and transformation of spaces.

Our team consist of researchers, professors, and students. Working on a horizontal level to create a homogenous transgenerational, and transnational collaboration.

Our team includes not only designers. Ativists, reseacher, architects, social scientist and interior designers, working together aiming for an immersive multi-disciplinary projects for the future.

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looking forward to hearing from **you**



DSR.lab.

Laboratorio di Design
degli Spazi di Relazione