

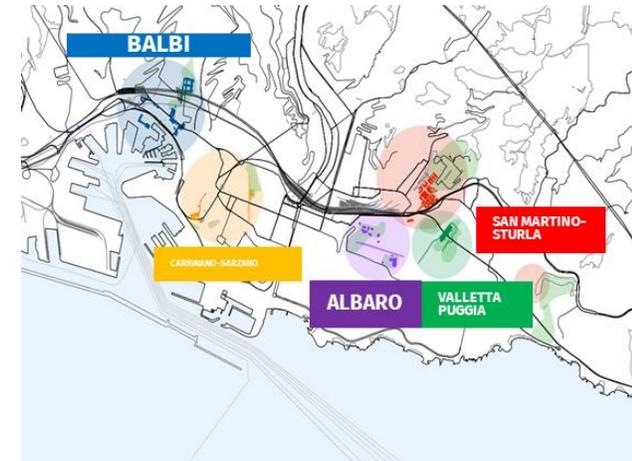


Università di Genova



UniGe Figures & Facts

UniGe Campuses



UniGe Campus

Since 1992



UniGe Campus

Since 1992



UniGe Campus

Since 2011



UniGe Botanical Gardens

Since 1983

About the University of Genoa

Numbers

 <p>139 Graduation courses</p>	 <p>19 Graduation courses in English language</p>	 <p>33.000+ Students of whom 3.000+ international</p>	 <p>1 Centre of excellence</p>	 <p>2 Strategic University Centres</p>	 <p>5 Service Centres</p>
 <p>6.000 Graduates every year</p>	 <p>110 Different nationalities</p>	 <p>5 Schools</p>	 <p>1.400 Researchers, of whom 1,200+ teachers</p>	 <p>2.665 Teachers, technicians, administrative and library staff</p>	 <p>120+ Patents since 2001</p>
 <p>22 Departments</p>	 <p>5 School libraries</p>	 <p>1 Graduate school (IANUA)</p>	 <p>31 PhD Courses</p>	 <p>500+ Erasmus+ nominations</p>	 <p>1 Botanical Garden of Ventimiglia</p>

Teaching: International Programs

1 BSc
19 MSc
in English

**20 double
degrees**



ARCHITECTURE AND DESIGN

Architectural composition

ECONOMICS

- Economics and data science
- Management for Energy and Environmental Transition (MEET)

ENGINEERING

- Maritime science and technology (BSc)
- Bioengineering
- Computer engineering
- Electronic engineering
- Ingegneria edile
- Energy engineering
- Engineering for natural risk management
- Engineering technology for strategy and security
- Environmental engineering
- Internet and multimedia engineering
- Robotics engineering
- Safety engineering for transport, logistics and production
- Yacht design

MEDICAL SCIENCES

Medical-pharmaceutical biotechnology

MATHEMATICAL, PHYSICAL, NATURAL SCIENCES

- Computer science
- Sustainable polymer and process chemistry

POLITICAL SCIENCES

International Relations

Research projects



NATIONAL RECOVERY AND RESILIENCE PLAN (PNRR): 94

Ministry of University and Research - MUR: 90

Ministry of the Environment and Energy Security - MASE: 2

Ministry of Health – PNC: 2



EUROPEAN PROGRAMS +

H2020 (2014-2020): 94 projects including

5 European Research Council (ERC)
28 Marie Skłodowska-Curie Actions (MSCA)

HORIZON EUROPE (2021-2027): 71 PROJECTS INCLUDING
7 European Research Council (ERC)
15 Marie Skłodowska-Curie Actions (MSCA)

Research projects



INTERREG Programs 2014-2020: 76 (15 as Lead Partner)

INTERREG Programs 2021-2027: 18 (4 as Lead Partner)



LIFE PROGRAM 2014 – 2020: 9

LIFE PROGRAM 2021 -2027: 6 (2 as Lead Partner)

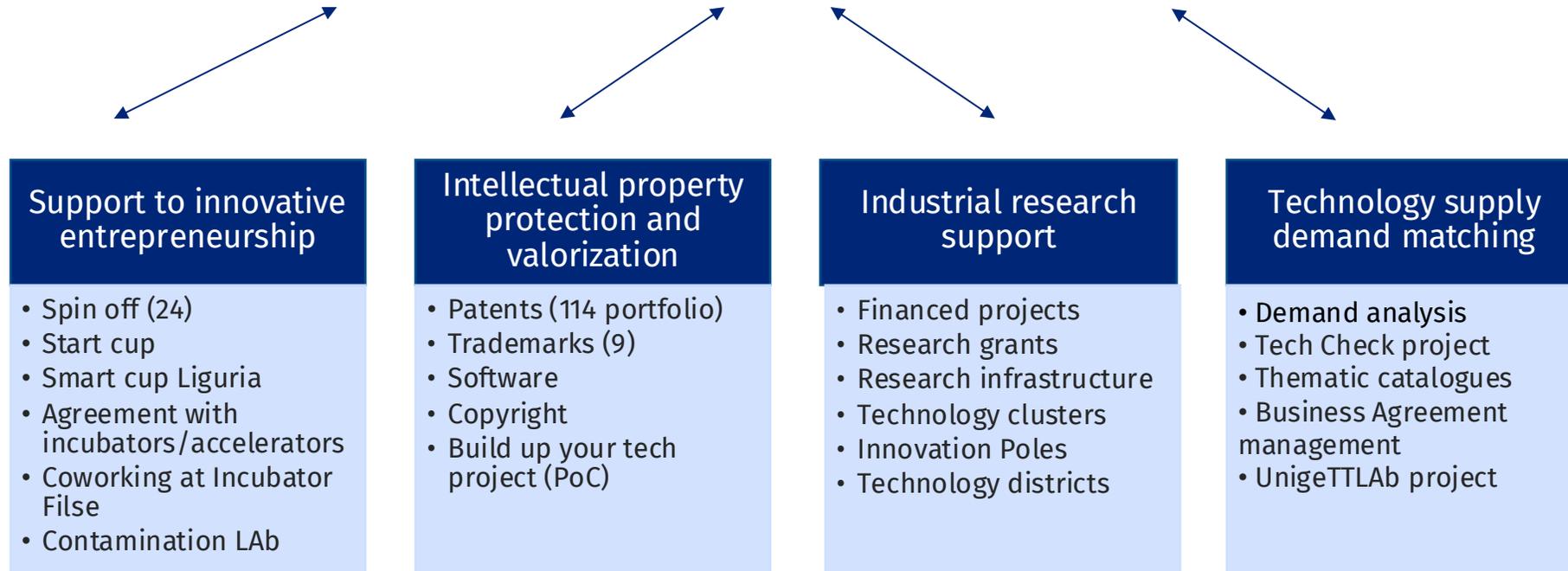
US RESEARCH PROGRAMS: 39

MAECI BILATERAL COOPERATION: 20

OTHER INTERNATIONAL RESEARCH&COOPERATION PROGRAMMES: 33

Technology transfer organization in UniGe

TECH TRANSFER OFFICE



The Innovation Ecosystem in Genoa: the new UniGe Science Park



HUB FOR BUSINESS, RESEARCH AND QUALITY OF LIFE

A place where students, researchers, entrepreneurs and managers can meet, exchange ideas and share their competencies in order to grow and live together in an environment where **quality of life is the central focus.**

UniGe Schools & Departments

School of Mathematical, Physical and Natural Sciences

- Department of chemistry and industrial chemistry
- Department of physics
- Department of mathematics
- Department of earth, environmental and life sciences
- Department of computer science, bioengineering, robotics and systems engineering

School of Medicine

- Department of pharmacy
- Department of internal medicine and medical specialties
- Department of experimental medicine
- Department of neuroscience, rehabilitation, ophthalmology, genetics and maternal and child sciences
- Department of integrated surgical and diagnostic sciences
- Department of health sciences

School of Social Sciences

- Department of economics
- Department of law
- Department of education sciences
- Department of political and international sciences

School of Umanities

- Department of antiquities, philosophy and history
- Department of Italianism, Romance, Antiquity, Arts and Performing Arts
- Department of modern languages and cultures

Polytechnic School

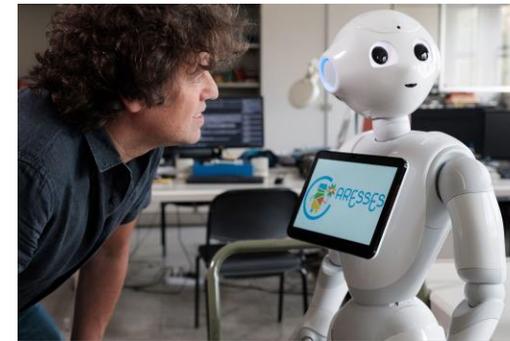
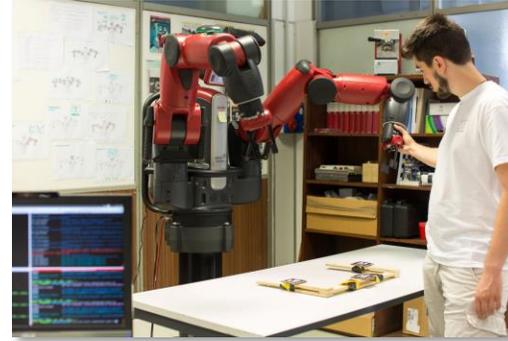
- Department of computer science, bioengineering, robotics and systems engineering
- Department of civil, chemical and environmental engineering
- Department of mechanical, energy, management and transportation engineering
- Department of naval, electrical, electronics and telecommunications engineering
- Department of architecture and design

The Polytechnic School

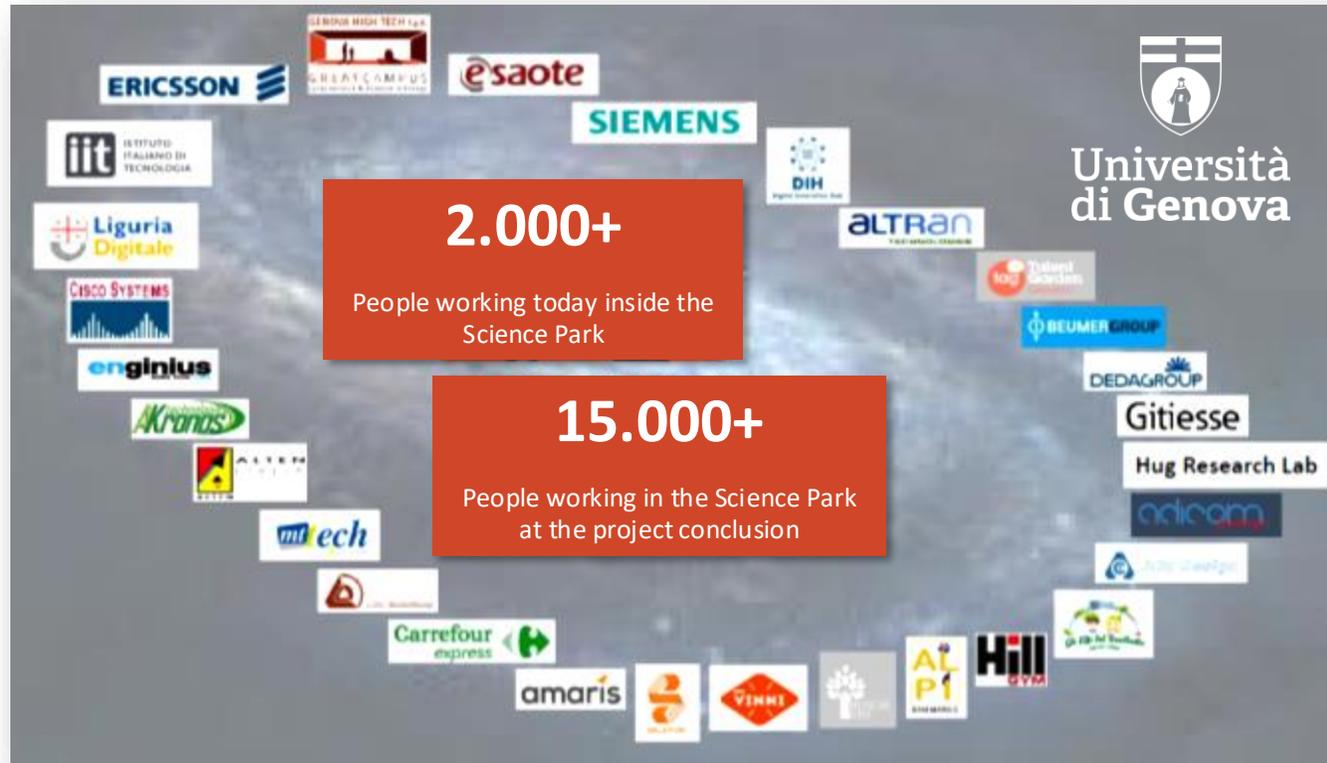
Established in 1870 as Naval School

MAIN RESEARCH TOPICS:

- Architecture and Design
- Information Technology & Robotics
- Bioengineering
- System Engineering
- Environmental & Civil Engineering
- Chemical Engineering
- Electrical, Electronic & Telecommunications Engineering
- Mechanical Engineering
- Management Engineering
- Transportation Engineering
- Naval & sea-related Engineering
- Sea Centre



The Innovation Ecosystem in Genoa: the new UniGe Science Park



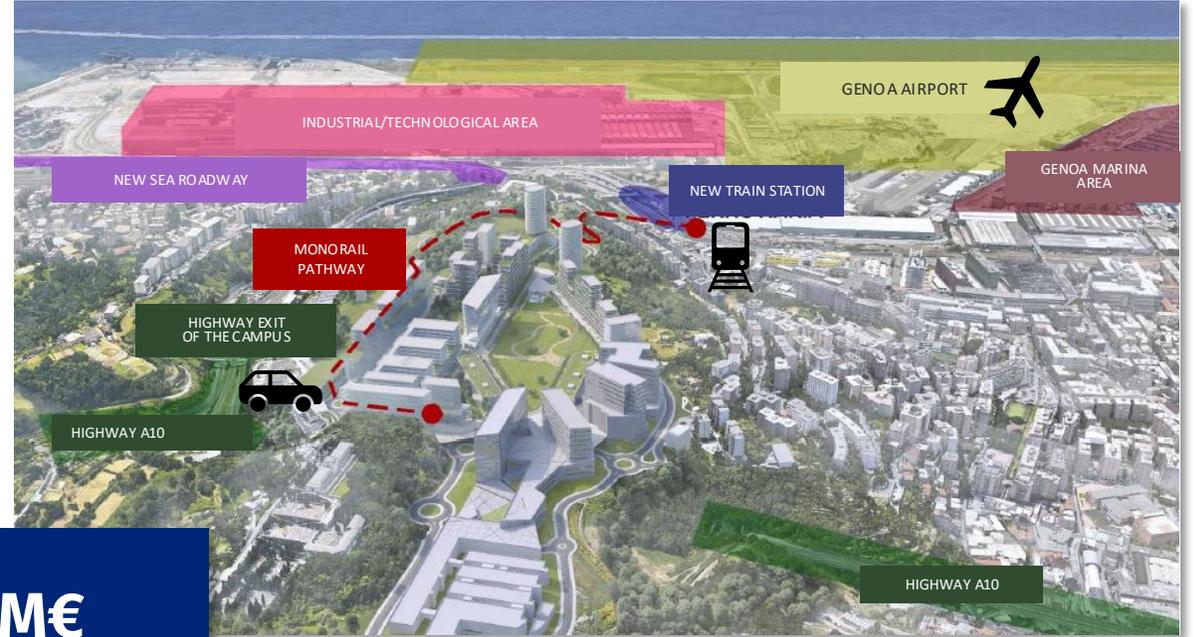
400.000+ m²

For one of the largest science park in Italy

25+

Companies & research institutions located now in the area

UniGe Science Park: rendering



330 M€
Total cost for the new UniGe Campus

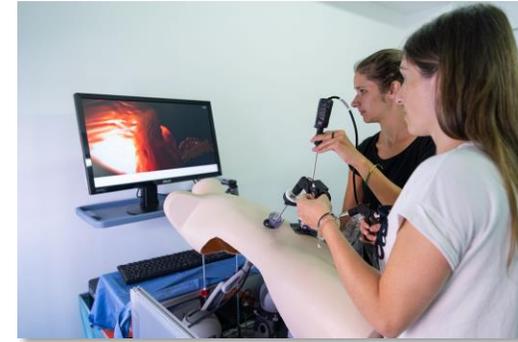


The School of Medicine

Founded in the 15th century

MAIN RESEARCH TOPICS:

- Internal medicine & Medical Specialities
- Experimental medicine
- Neurosciences
- Rehabilitation
- Ophthalmology
- Genetics
- Maternal and child health
- Diagnostic and surgical sciences
- Health sciences
- Pharmaceutical sciences
- SIMAV centre (Simulation and advanced education for medical applications)



The School of Medicine

Scientific Institutes for Research, Hospitalisation and Health Care «Istituti di Ricovero e Cura a Carattere Scientifico – IRCCS»

In Italy, the term IRCCS - “Istituto di Ricovero e Cura a Carattere Scientifico” indicates biomedical institutions of relevant national interest, which drive clinical assistance in strong relation to research activities. It is the highest certification in Italy recognized by the Italian Ministry of Health.

In Genoa, 2 IRCCS are the seat of the teaching and clinical assistance of the UniGe Medical School:

- «San Martino» Hospital, one of the largest research hospital in Europe
- «Gaslini» Hospital, one of the largest and most important pediatric hospitals in Italy and Europe



ISTITUTO GIANNINA GASLINI
ISTITUTO PEDIATRICO
DI RICOVERO E CURA
A CARATTERE SCIENTIFICO

The School of Humanities

MAIN RESEARCH TOPICS:

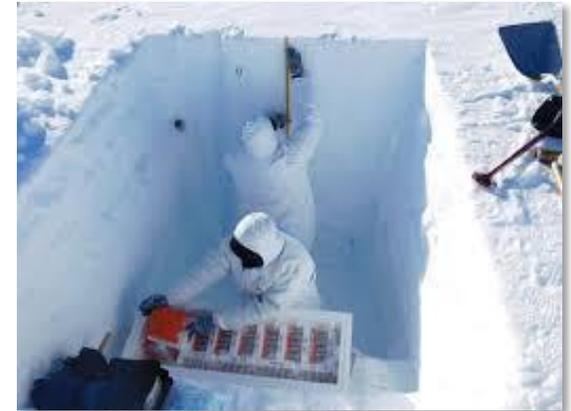
- Foreign languages and literatures
- Cultural heritage
- Philosophy
- History
- Humanities



School of Mathematical, Physical and Natural Sciences

MAIN RESEARCH TOPICS:

- Marine and terrestrial biodiversity, environmental sustainability
- Adaptations of organisms to environment and interaction between human health and environmental factors
- Earth's dynamics and geological mapping
- Monitoring and assessment of natural hazards
- Geological and Environmental Science in Antarctica
- Pure and applied mathematics
- Astrophysics and cosmology, gravitational waves
- Nanoscale and quantum physics
- Physics and nanophysics of biosystems and ecosystems
- Artificial Intelligence and Multi-Agent Systems
- Data Science and Engineering and Human Computer Interaction
- Secure and Reliable Systems
- Nanoparticles for advanced applications
- Materials for energy applications
- Chemical studies of remote environments (Arctica and Antarctica)
- Analysis, conservation, and restoration of cultural goods



School of Social Sciences

MAIN RESEARCH TOPICS:

- Transport
- Maritime economics and law (<https://cieli.unige.it/en>)
- Regulation of public utilities
- Labor economics
- Regional economics
- Industrial organization
- Financial reporting
- Business strategy and governance
- Economic, juridical, political, historical, sociological and geographical sciences
- Foreign languages and anthropology
- Political thought



UniGe Sea Centre

Sea Study Centre (Centro del Mare)

Established in April 2019

- About 400 professors and researchers carry out teaching and research activities on sea related topics.
- The University of Genoa ranks among the best universities in the world on maritime topics.
- UniGe offers **the largest educational offer in Italy dedicated to the Sea**

<https://mare.unige.it/en>

Sea Study Centre (Centro del Mare)

Education

Bachelor programs

- Product and nautical design
- Maritime Logistics and Transport Economics
- Pleasure Craft Design
- Naval Architecture and Marine Engineering
- Maritime Science and Technology (in English)

Master programs

- Marine biology and ecology
- Vessel and yacht design
- Maritime and port management
- Environmental Engineering (in English)
- Naval Architecture and Marine Engineering
- Safety Engineering for Transport Logistics and Production (in English)
- Yacht Design (in English)

PhD in Marine Sciences and Technology (6 curricula)

- Logistics and transport
- Science of the marine ecosystem
- Marine and Nautical Design
- Energy machinery and systems for the sea
- Engineering for Marine and Coastal Environments
- Marine and Nautical Engineering / Marine technologies

Target cooperations

Institutions

- Coast Guards
- Port Authorities
- Classification Societies
- International Maritime Organisation (UN agency)

Private Companies

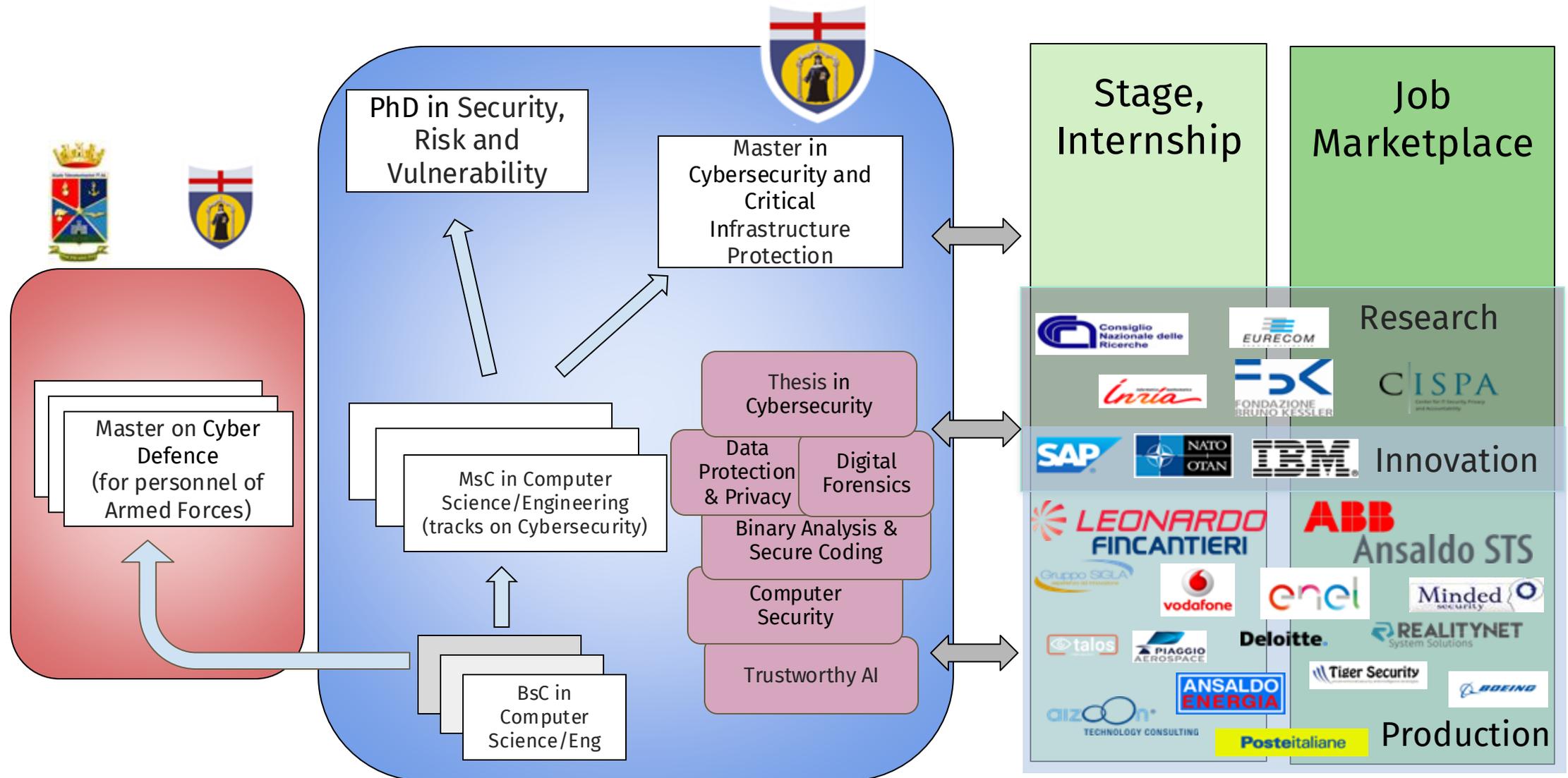
- Shipping
- Shipbuilding
- Transport /Logistic companies
- Off-shore companies
- Fishing
- Aquaculture
- Insurance companies

Third Parties

- Regional/National Authorities
- Municipalities
- Citizen Associations
- Crew members associations

UniGe Strategic Centre on Security, Risk and Vulnerability

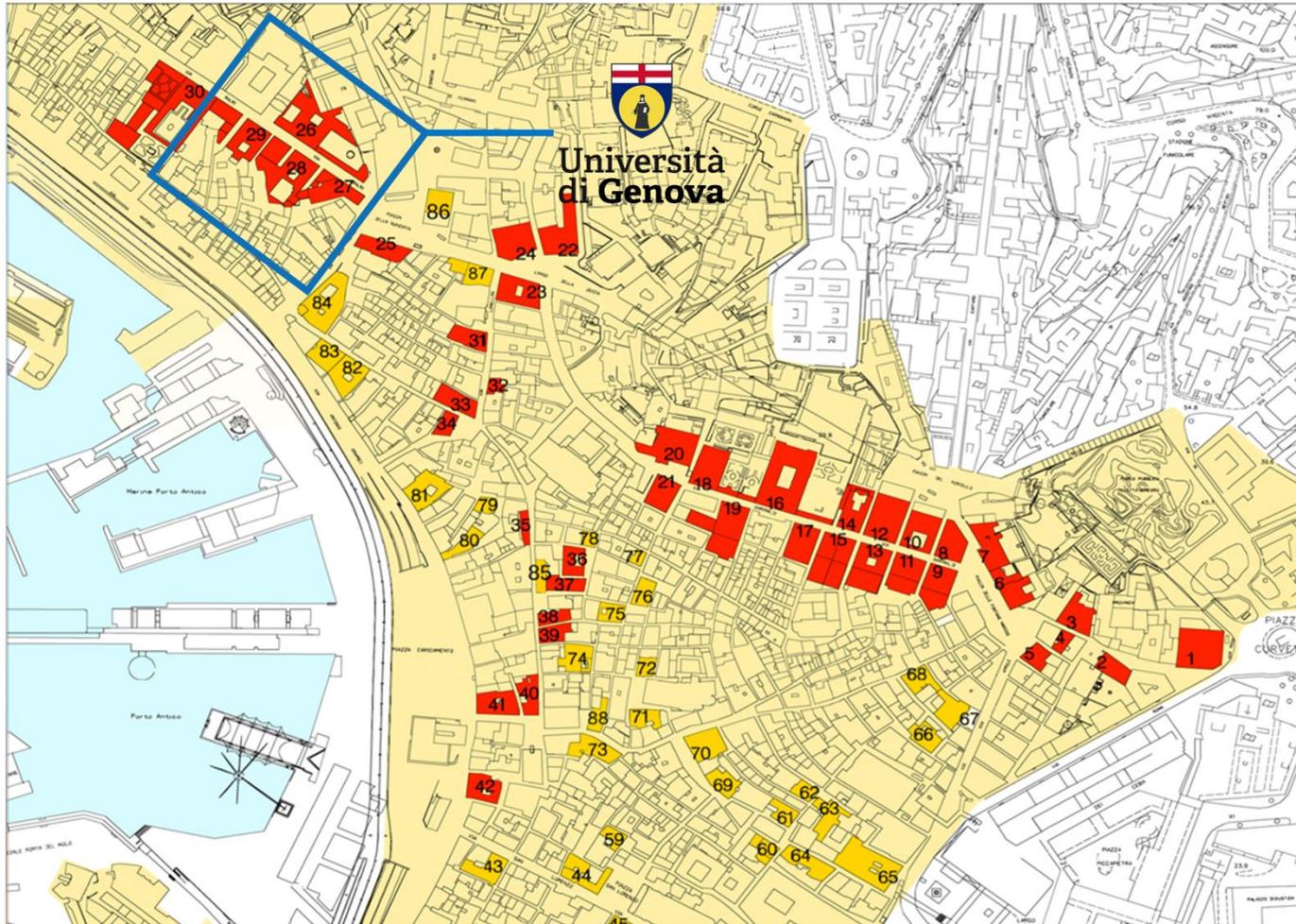
Strategic Centre on Security, Risk and Vulnerability



UniGe Cultural Heritage

“Palazzi dei Rolli”

UNIGE CULTURAL HERITAGE - *Palazzi dei Rolli*



UNESCO World Heritage Site since 2006

- The “*Palazzi dei Rolli*” system represents a key to read the “social and urban system” of the sixteenth and seventeenth century in Genoa
- **42 Palaces** enlisted into the UNESCO Site
- **163 Palaces** enlisted in the whole “*Palazzi dei Rolli*” system
- More than 25 Monumental Churches onto the same urban space, linked to the same families which built the palaces.

UNIGE CULTURAL HERITAGE - *Palazzi dei Rolli*

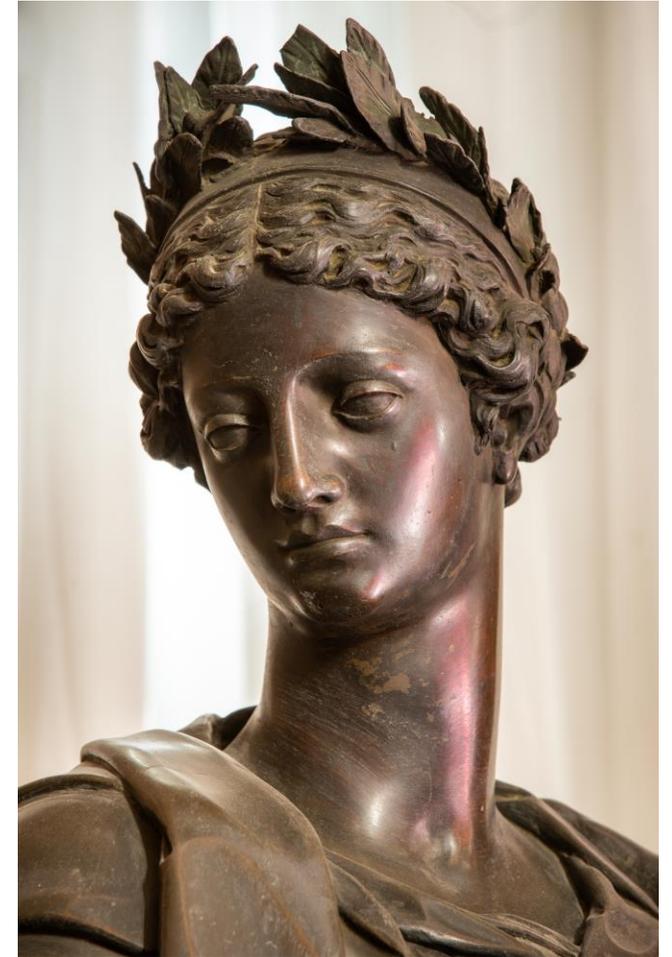


- The University of Genoa owns numerous **monumental buildings**, many of which are **protected by UNESCO as World Heritage Sites**.
- These buildings serve daily as spaces for research and teaching and are open to the public for scientific dissemination initiatives.

UNIGE CULTURAL HERITAGE - *Palazzi dei Rolli*



- The University of Genoa owns some of the **most important works of art in the city**. Palazzo Balbi Senarega is decorated with one of the most spectacular Baroque fresco cycles in northern Italy.
- The University's building houses the bronze sculptures by the Flemish artist Giambologna, executed for the Grimaldi family. This is the **most significant group of bronze sculptures in 16th century Italy**.



Sustainability within the University of Genoa

Sustainability in UniGe - *Our commitments*



UniGe contributes to the achievement of the common goals set by the Agenda 2030

Sustainability in UniGe is above all ...



13 CLIMATE ACTION

CLIMATE



7 AFFORDABLE AND CLEAN ENERGY

ENERGY



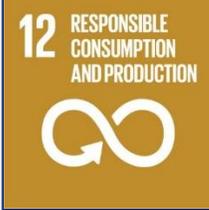
11 SUSTAINABLE CITIES AND COMMUNITIES

MOBILITY



4 QUALITY EDUCATION

EDUCATION



12 RESPONSIBLE CONSUMPTION AND PRODUCTION

CIRCULAR ECONOMY



5 GENDER EQUALITY

EQUAL OPPORTUNITY

Sustainability in UniGe - Networks & Rankings

UniGe is part of:



Italian University Network for Sustainable Development - RUS



International Sustainable Campus Network – ISCN



QS Sustainability world university ranking



UI Greenmetric world university ranking on sustainability





**Università
di Genova**