Spin off
Università degli Studi di Genova

Spin Off Companies of the University of Studies of Genoa

UNIVERSITÀ DEGLI STUDI
DI GENOVA

Technological Area

space v srl

About us

- SPACE V srl is an innovative startup, proposed by the Department of Mechanical, Energy, Management and Transport Engineering (DIME), which was born with the primary objective of acting as a reference point in the emerging Space Economy market, focusing on the sector of production of fresh food in space.
- The innovative Start Up was established in 2021 and in the same year it obtained the Spin Off recognition of the University of Genoa.
- The company is made up of four partners, including a professor from the University of Genoa and a spin-off company from the University.

Mission

- SPACE V srl aims to study, design and develop an adaptive vertical farm model in the space environment, to make optimal use of limited resources such as the volume and energy available.
- SPACE V is part of the opportunities generated by the Space Economy, i.e. the set of activities that, starting from the research, development and construction of space infrastructures, lead to the construction of housing modules and the generation of innovative products and services connected to permanence man in space.
- The solution is based on a modular structure that progressively adapts to the growth of the plants cultivated in it.

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The product

- The short-term goal of SPACE V is to study, develop and test an adaptive payload for the greenhouse in orbit.
- The survival of astronauts for long periods of time in space requires them to become autonomous from Earth's supplies through the maximum exploitation of the limited resources available in situ and the adoption of new technologies.
- SPACE V's contribution to life support systems in space is based on its patented adaptive multilevel greenhouse.

The multi-layer adaptive greenhouse has a number of features that differentiate it from standard vertical greenhouses:

- Vertical adaptive multilayer mechanism that maximizes the production of the plant per unit of volume
- Ability to grow plants of different sizes and growth rates
- Greenhouse structure design and engineering for easy planting and harvesting of plants
- Shelf control of atmospheric chemical composition
- Shelf control of temperature and humidity and lower energy consumption
- Automated shelf nutrient supply and crop growth monitoring
- The greenhouse is equipped with an air exchange mechanism with the cabin that captures the CO2 produced by the crew and returns the O2 produced by the plants

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About us

Weather Water Sand (WWS) is an innovative start-up company founded in 2021 as a Spin-Off from the Department of Civil, Chemical and Environmental Engineering of the University of Genova by a group of professionals with several years of environmental modelling experience in academia and industry.

WWS was winner of the first prize in SMARTcup Liguria 2021 industrial category and was winner of the first prize in the STARTcup 2021

The company consists of five partners, including a professor from the University of Genova and a spin-off company of the University of Genova.

WWS has strong scientific relationships with universities and research canters, university spin-offs, public authorities and several industrial companies.

Mission

WWS provides innovative numerical modelling services for the entire spectrum of natural flows, including winds, waves, littoral and tidal currents, rivers and submarine gravity flows with applications to renewable energy projects, oil and gas developments and environmental projects on land and offshore.

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Our services

Our modelling solutions result from experience developed through research activities by the different partners during their academic and industrial careers.

Submarine Geohazards

- Wind & wave hindcast analysis: Analysis of historical wind-wave climate at a site, probabilities of significant events, impact to sediment transport and catastrophic events (coastal erosion, submarine landslides, turbidity currents)
- Turbidity Current Modelling 1.5D & 3D coupled with seabed evolution
- Integrated coastal circulation models (wind, waves and currents) and turbidity current models

Weather Forecasting

- Weather hindcast analysis
- Site specific, high-resolution deterministic and statistical forecasts for wind, wave, tides and solar radiation
- Applications to economic evaluations for new and existing renewable energy projects
- Applications to facility operations & energy marketing

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Fluvial and Coastal Hydraulics and Morphodynamics

- morphodynamic evolution (altimetric and planimetric)
- flood risk assessment
- sediment transport
- impact of dredging operations
- siltation and maintenance of navigation channels
- morphological evolution of river networks, deltas, tidal channels and estuaries
- bedforms formation and propagation

Geological Modelling

- Flow modelling and visualization in 1.5D, 2D and 3D
- Simulation of deposit geometries, grain size distributions and porosity/permeability estimation
- Simulation of topography evolution and stratigraphy, pinch-out geometries and evaluation of stratigraphic traps
- Comparison of modelling results with subsurface data (well logs, cores and 3D seismic data)

Our team is ready to develop specific solutions tailored to address client needs using software developed in-house and in the open market.

ICT Area

AirFIELD Security srl

Who we are

The startup born from the research carried out in recent years by the SCNL laboratory of the DITEN department of the University of Genoa, in the area of cybersecurity of critical infrastructures. The research group has tackled in recent years, with a strongly interdisciplinary vocation, the problem of protecting industrial control networks, highlighting the need to bring together expertise in both cybersecurity, networking, and industrial engineering in order to effectively protect such infrastructures.

About

AIrFIELD offers solutions for cybersecurity monitoring through network traffic analysis. While several companies mostly propose solutions for monitoring networks with TCP/IP architecture, AIrFIELD focuses on the lower layers of the architecture, up to the analysis, aided by the use of Artificial Intelligence, of Fieldbuses.

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Our Services

AIrFIELD offers cybersecurity monitoring solutions for industrial networks. AirFIELD's approach is based on the following pillars:

Protecting the OT network means safety: Ensuring the proper functioning of the OT network means safeguarding the integrity of production equipment and the safety of people

Transparent to Process: Our solutions minimize implementation issues and do not interfere with the process

Involving industrial engineers: The human/machine interface is designed to make possible for both IT and process engineers to understand what is going on

Our Product

AIrFIELD's solutions provide visibility directly into field communications, including fieldbus protocols and serial communication, by detecting physical anomalies, faults, and cyberattacks, including those that are not carried out through traditional lateral movements on the IT network.

The main features are:

Physics-based anomaly detection:

Fielbud protocol analyzer

Physical attack detection

Artificial intelligence support

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bees srl

Who we are

- BEES (Bayesian Estimation for Engineering Solutions) was founded in 2021 as a spinoff of the Mathematics Department at UNIGE, and was recognized in 2024 as a spinoff of the National Research Council (CNR)
- The five BEES partners are mathematicians and physicists with years of experience in the development and application of computational algorithms and artificial intelligence methods in several fields: source imaging in magneto- ed electro-encefalography; reconstruction of atmospheric parameters from LIDAR data; trading algorithms for financial markets and cryptocurrency exchanges.

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Activities

The main activities of BEES are in three distinct fields:

- Development and commercialization of a proprietary library of functions for stochastic computation based on Monte Carlo methods, with applications in diverse fields including neuroimaging, processing of LIDAR data and simulation of meteorological scenarios.
- Consulting for the analysis of electroencephalographic signals, with particular focus on the presurgical evaluation of epilepsy.
- Consulting for mathematical/statistical modeling and specialized software development in various fields, including: predictive methods for industry, uncertainty/risk quantification, trading on financial markets, tra

Our services

BEES provides services related to the integration of the proprietary library (see section "Our products"):

- consulting/software development for companies interested in integrating BEES library within their softwares
- Courses on the interpretation of the results, aimed at the final users

In addition BEES offers consulting in the following fields:

- Processing of electro/magneto-encephalographic signals,
- Predictive methods for industry, in particular steel in

Our product

BEES is developing a proprietary library of functions based on Monte Carlo algorithms, that can be used to solve problems such as:

- Parametric inference in multi-object non-linear parametric models
- risk/uncertainty quantification in complex models
- Online tracking of objects
- Generation of meteorological scenarios (e.g. simulation of typical year, etc)

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www.bees.srl
(under construction)

docspace srl

About us

- DocSpace srl was founded in 2019 at the Dept. of Informatics, Bioengineering, Robotics and Systems Engineering (DIBRIS) and works in the domains of Software Platforms and Distributed Systems.
- In Feb. 2020 it obtained the official title of University of Genoa spin-off.
- The founding team includes five members, among which two DIBRIS professors and three young researchers.

Mission

- DocSpace srl has the development of software platforms for table synchronization in distributed systems as a core activity.
- The technical solutions provided support Collaboration, by enabling spreadsheet synchronization, and Business Intelligence, by enabling synchronization between spreadsheets and ERP and information systems.

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Our Services

DocSpace provides assistance on:

- Data Analysis through user collaboration.
- Business Intelligence, through the interconnection between spreadsheets and external data sources.
- Collaboration with Public Administrations, Research Institutions and Companies in high-tech projects.

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The product

- SpreadSheetSpace allows spreadsheets to maintain synchronization with other spreadsheets as well as with external information systems (e.g., ERP, CRM, etc.) to support collaboration and real time data analysis.
- Synchronization takes place under strict security guarantees, as it leverages strong end-to-end asymmetric encryption. Data never leaves the user administrative domains unencrypted.

www.doc-space.net

sim4future srls

Who we are

- SIM4Future srls is a Hi Tech Company born from the Simulation group of Prof. Agostino Bruzzone of the Faculty of Engineering, Polytechnic School of the University of Genoa.
- The Group is one of the international leaders on Modeling & Simulation issues and is composed of people with long experience in the sector alongside young talents who have nevertheless obtained doctorates in this sector and developed projects both with Industries and with International Agencies as NATO and European Defense Agency.
- The Group already has many scientific publications in the main events in Europe, North America and Asia, but it is also active in project development, drafting proposals and co-operations on highly innovative issues.
- The team consists of 4 members, including a university professor, but the team includes young members who have developed skills in this field and work on highly innovative issues at the International Level.

Activities

- The main focus of SIM4FUture is to develop Solutions to Complex Problems that integrate Simulation, Modeling, Artificial Intelligence, Serious Games, Data Analytics and Extended Reality (XR).
- The Application Fields are multiple and include Defense, Homeland Security, Safety & Security, Business, Logistics, Supply Chain Management, Industrial Plants, Autonomous Systems, Automation, Project Management & Training.
- SIM4Future has also been promoting International Scientific and Technological Events such as I3M and WAMS for a long time and is involved in STRATEGOS Innovative Initiative

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Our services

- SIM4Future offers package solutions and services for its sponsors that allow the integration of Innovative Models and Intelligent Agents in proposals and systems of other Companies and Institutions
- SIM4Future offers Consulting Services for Innovation and Business Development
- New services are developed based on the use of Autonomous Systems, Mobile Technologies, Simulation, XR and IoT
- Service and Support are provided on time to ensure that the solutions offered are always reliable and functional in a simple and direct manner
- Training is one of fundamental services that SIM4Future offers to its clients for Simulation and other Enabling Technologies Sectors

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The product

- Our products use VR, AR, MR (Virtual, Augmented and Mixed Reality), AI & IA (Artificial Intelligence and Intelligent Agents)
- Our Products adopt the most advanced simulation Standards and Paradigms such as HLA (High Level Architecture), MSaaS (Modeling & Simulation as a Service) and applications of M2SG (Modeling, Interoperable Simulation and Serious Games
- We develop solutions that are purely software-based, multi-platform from Smartphone up to CAVE (Cave Automatic Virtual Environment) and complete with Hardware and Integration with real systems

Environment Area

About us

- GERMINA srl is an innovative startup made up of a set of engineers and entrepreneurs with the aim of devising and developing innovative solutions for the cultivation of horticultural and flower species of high commercial value with a low environmental impact.
- The innovative Start Up was established in 2020, and in 2021 it obtained the Spin Off recognition of the University of Genoa.
- The business idea starts from a set of professionals in collaboration with the University of Engineering of Genoa and the Faculty of Agriculture of Sassari.
- The company is made up of four partners, including a professor from the University of Genoa.

Mission

- L'attività principale di Germina srl è rappresentata dalla progettazione, sviluppo e commercializzazione di una Serra Adattiva.
- Si tratta di un innovativo dispositivo e un procedimento brevettato che consente di ricreare le condizioni ambientali ottimali per la crescita di specie vegetali in essa coltivate minimizzando il consumo energetico necessario a tale compito.
- L'ambito di impiego primario della soluzione è quello delle coltivazioni in serra di prodotti floricoli, orticoli e similari.

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The product

- The Adaptive Greenhouse is a patented device capable of minimizing the energy consumption necessary for traditional greenhouse crops during the growth phase of the crops.
- The device, which can be applied directly inside existing greenhouses, allows the volume of the environment to be conditioned to be enormously minimized in height: from a few centimeters at the time of sowing up to the maximum height of the crops.
- The result of years of research and experimentation in the field of micro mechanics, electronics and agricultural sciences, the adaptive greenhouse inaugurates a new paradigm for the indoor cultivation of horticultural and floral species for food and cultivation for commercial purposes.

Among the main advantages offered by this device:

- Significant reduction of the energy required for the conditioning of cultivation environments and consequent reduction of production costs and associated environmental impact.
- Lower investment for the creation of a greenhouse by reducing the costs of air conditioning machinery.
- Lower maintenance costs of air conditioning equipment.
- Possibility of powering the adaptive greenhouse also thanks to solar energy alone given the low consumption of operation, eliminating the fate of the consumption.
- Possibility of cultivating species at the ideal temperature for maximum yield without the need to cultivate at a compromise temperature between yield and consumption.

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www.germina.bio

Health Area

Robotics and AI

cura robotics and AI srl

Who we are

- CURA Robotics and AI srl aims to enhance the technology developed in CARESSES, a multidisciplinary project that developed the first elderly care robot capable of adapting to the culture of the assisted person.
- The CARESSES Artificial Intelligence, integrated with the humanoid robot Pepper developed by SoftBank Robotics (project partner in CARESSES), was proven to help older people in different ways: for example, by reminding them to take medicines, encouraging them to maintain an active life, helping them to stay in touch with friends and family, recognizing emergency situations, or simply helping to lessen the feeling of loneliness through social interaction and conversation.
- The innovative Start Up was established in 2021, obtaining the title of Spin Off of the University of Genoa in 2022.
- CURA was founded by an international team of six researchers who worked together on the CARESSES project, with multidisciplinary skills (robotics, information technology, marketing, computer graphics).

Activities

- CURA's activities are mainly focused on healthcare chatbots and home robots, sectors that are experiencing rapid development thanks to some factors, such as the increase in Internet connectivity, the adoption of smart devices, the growing need for virtual assistance, and the consumer demand for autonomous robotic technology.
- In particular, the entrepreneurial project is aimed at developing products and services to increase the interaction (especially verbal) of robots and *social devices*, so as to offer, even to simple systems, the possibility of conversing with the user in a culturally competent way, through a Cloud architecture that allows integration with the social interaction features that the device already has.

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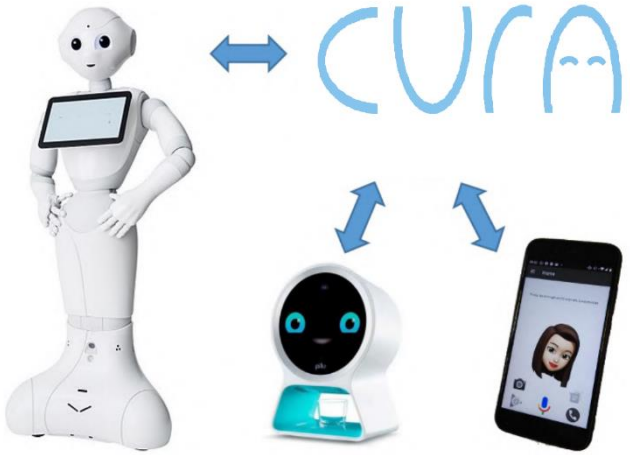
The product

- CURA's core product is a ready-to-use Cloud services platform that allows any device connected to the network (robot, home assistant, or mobile app) to develop advanced (mostly verbal) social interaction. The Cloud platform guarantees any intelligent device (a humanoid robot, a low-cost and small desktop robot, ...) to access a cultural knowledge base and, consequently, to receive information related to the most appropriate behavior to keep (what the device has to say and do) depending on what the sensors perceive and the inputs received by the user.
- In parallel, the company also supplies (starting from pre-existing robotic solutions) robots for the assistance of the elderly, aimed at improving the quality of the service offered to residents of retirement homes in the face of staff shortages, and to enhance the use of human resources.



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IO Surgical research srl

About us

- IO Surgical Research was born from the collaboration between the Urological Clinic of the Policlinico San Martino in Genoa, in collaboration with the University of Genoa, with Mixura and with Digital Tree Innovation Habitat, and has developed the idea of creating a coherent interaction prototype in real -time between holograms of anatomical structures and live organs, such as kidney and prostate, during robotic assisted laparoscopic surgical procedures.
- The initial implementation phase required the close synergy of medical-surgical and bio-engineering skills. Within the University of Genoa, the established Spin-Off IO Surgical Research sees the DISC and DIBRIS, respectively, structures of the Faculty of Medicine and Surgery and the Faculty of Engineering as the relevant departments.

Mission

- The goal of IO Surgical Research srl is the use in Augmented Reality of three-dimensional anatomical models, starting from CT and MRI images, creating a real-time intracorporeal navigation system applied to Robotic and Laparoscopic Oncological Surgery.

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Our services

Pre-operative phase

- Study and simulation of the intervention strategy through a 3D reconstruction of the patient's organ at an individual level.

Operative Phase

- Maximized effectiveness of the intervention thanks to the use of intracorporeal navigation in augmented reality, taking into account movement in space and deformation of the tissue.

Post-operative phase

- The use of robotic technology allows a high preservation of functionality and a lowering of recurrence thanks to faster and more precise interventions.

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The product

- The IO Surgical Research solution consists in the application of an innovative patented technology that solves the problem of real-time coupling of the three-dimensional model (hologram) to the target organ during the surgical procedure.
- In this way, surgeons have an instrument that has never been possessed before, which leads to an elevation of safety standards and oncological outcome as well as a considerable facilitation in specialized training and refresher courses.

www.iosurgical.tech

Teseo srl

Who we are

Teseo is an innovative SME, spin-off of the University of Genoa, founded in 2015, whose mission is the development of digital solutions to support frail people and their caregivers.

The company is specialized in Artificial Intelligence, Machine Learning and IoT technologies, aimed at behavioral analysis and Ambient Assisted Living, as evidenced by more than 30 publications on the topic and 2 international patents.

The team includes highly professional figures, honoured with several awards including the Innovation Business Award from the Young Entrepreneurs Association.

Teseo recently benefited from the PON-METRO ZIP tender of the Municipality of Genoa, within which it further developed its vocal interface and Natural Language Processing solutions, and successfully adapted the Kibi system to the audience of people suffering from problems of low vision. It is also currently a partner of the MERMAID-AI project, financed within the broader scope of the PNRR RAISE project, for the development of remote assistance solutions on board ships.

Activities

The company has always been committed to two main business lines: the development of its own solutions in the healthtech field and technological consultancy services in the AI, IoT and cloud architectures fields, where it has developed solutions in various areas of interest including medical, financial , retail and cybersecurity.

Its main service is Kibi, a digital platform based on wearable devices and a voice assistant, which enables caregivers to provide personalized and high-impact assistance, alerting them in case of emergency and providing actionable insights into their habits and needs.

The product

Kibi SOS uses **a device to be worn** on the belt, neck or on clothing. Discreet and much more precise than a smartwatch, it is the best solution for detecting falls.

Thanks to **advanced movement analysis**, Kibi SOS offers sophisticated but simple indications, such as the **Fall Risk Index**, helping to calmly manage age-related risks.

Kibi SOS **always stays connected**, thanks to the long-lasting battery and integrated mobile connection, without the need to use a smartphone or a WiFi network.

With Kibi SOS your loved ones will be able to ask for help by pressing the button on the device, while from home you can call your loved one from the app as with any mobile phone.

- Call function
- Fall detection
- GPS locator
- Notifications
- Statistics
- Device status

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Biotechnology and Pharmaceutical Area

BEST SRL

Who we are

- BEST S.R.L. starts its activities from the laboratories of the Food Engineering research group, operating at the Department of Civil, Chemical and Environmental Engineering (DICCA) of the University of Genoa, from a joint work with CCS AOSTA SRL, with decades of experience in the agricultural sector, proposing a new approach to agriculture through the development of new products and services.
- BEST S.R.L. obtained in 2019 the first award of the Start Cup Unige, a competition dedicated to business ideas based on innovative proposals generated by research activities conducted within the University of Genoa and in 2024 won the BEST PRESENTATION AWARD at the National Roadshow 2024, promted by BIOinvestIT (Genoa).
- The innovative Start Up was founded in 2020, and it also obtained the title of Spin Off from the University of Genoa.
- The team is multidisciplinary and highly qualified, consisting of 2 chemical engineers, a food technologist, 1 biotechnologist, 1 surgeon, a doctor in pharmacy, the corporate structure is completed with the important contribution of CCS AOSTA S.R.L.

Activities

BEST is developing ex-novo solutions to respond to the current problems that the agricultural sector is facing, including the impoverishment of the soil, the spread of new plant pathologies and new parasites, the impoverishment of the nutritional properties of crops.

BEST's activities propose the formulation and development of processes for the production of new products in support of more sustainable agriculture and based on the knowledge and exploitation of natural principles.

Among these, symbiotic agriculture which involves, for agricultural soil, the use of positive microbiology (fungi, bacteria and yeasts) to promote growth, the development of plants and their fruits, the fertility of the soil and its health and the use of product obtained from natural substrates with healing properties and capable of improving the health of plants and the properties of the foods produced.

Università degli Studi di Genova

Our services

- The main activity is that related to the research and development, production and marketing of products and services with high technological content.
- In particular, the company deals with the formulation of innovative products for agriculture, the development of innovative solution from plants for plants and plant care and by-products valorization in compliance with the environmental sustainability of the design, development and scale-up of production plants for agricultural products.
- Research and development of innovative plants for the production of pesticides, fertilizers and biostimulants and activities in the plant sector, including installation, testing and management of plants and technologies related to the aforementioned activities.
- Biological validation of new products, including the valorization and validation of by-products and waste from the agri-food industry.

The product

- BEST offers solutions from nature for nature to promote the development of sustainable agriculture, through stabilized formulations developed specifically to provide products with a high active biological content.
- Microorganisms, deriving from monoculture or a mix of cultures, and formulated rich in antimicrobial, repellent or antioxidant properties, are encapsulated using different green techniques, which require little energy and which prevent the degradation of the peculiar properties of the products, obtaining liquid products, suitable for dispersion in field through irrigation systems or by direct spraying on the plants, or granular, depending on the specific needs of the customer.
- Although the reference market is that of fertilizers, seed preparation, corroborants and biostimulants, BEST also offers consultancy services for the development of new plants and processes capable of exploiting by-products from the customer's agricultural supply chain for the production of formulations for a zero impact agriculture.

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bio3dmatrix srl

About us

- Bio3DmatriX srl was born in the BioNanoengineering laboratory of DIBRIS, with the aim of introducing to the market innovative and highly versatile kits for neurotoxicity studies.
- In 2019, the proposing team obtained the third prize at the "Start Cup competition" of the University of Genoa. In 2020, the Innovative Start Up was registered, while obtaining the Spin Off title of the University of Genoa.
- The team consists of three women, including a professor, member of the "3R Committee" for the regulation of animal testing, and two research fellows.

Mission

- The business activity aims to introduce new products on the market, based on chitosan and other bioactive components, which allow to optimize the use and characterization of 2D and 3D neuronal cell cultures.
- In this way, it is possible to obtain highly versatile *in vitro* models to perform fast, reliable and cheap pharmacological screenings to study the effects of candidate molecules for the treatment of neurodegenerative diseases in the preclinical phase.

Università degli Studi di Genova

Our services

The business idea has several advantagies that would simplify and optimize 2D cell cultures and physiologically support the growth of 3D cultures, compared to the alternatives currently on the market.

Our services can be summarized as follows:

- Design and selling of user friendly 2D / 3D supports for neuronal cell cultures
- Customization of 2D / 3D supports, according to specific customer requests
- Development of 2D / 3D supports for drug screening applications
- Consulting services: the high experience of the proposing team offers the possibility to provide the most suitable product to the customer's needs and professional support during its use

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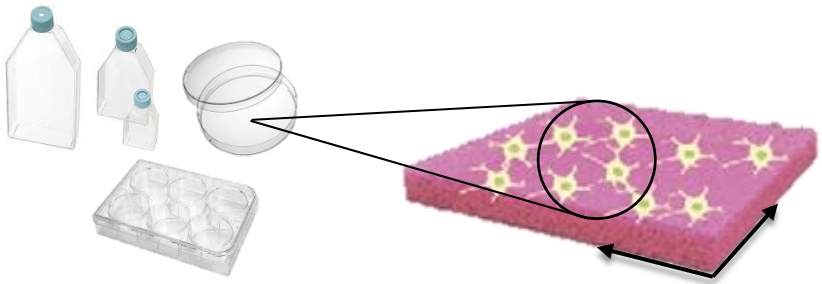
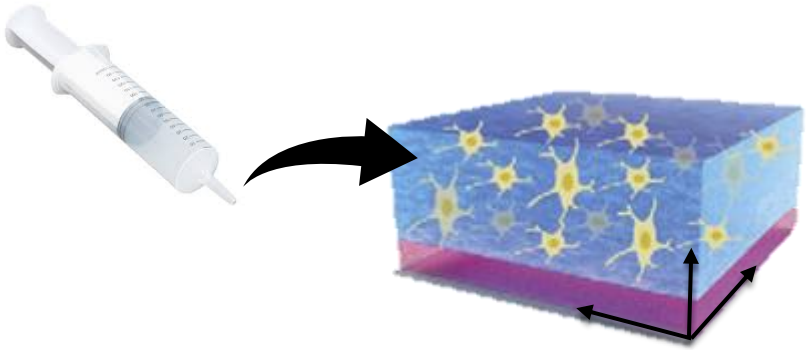
The product

- Supports for 2D cultures: pretreated surfaces for adhesion, growth and biological responses of primary neuronal cells and human pluripotent stem cells (h-iPSc)



- Supports for 3D cultures: injectable and thermogelling solution for growth and biological responses of primary neuronal cells and human pluripotent stem cells (h-iPSc)



www.bio3dmatrix.com/

ScreenNeuroPharm s.r.l.

About us

- ScreenNeuroPharm s.r.l is a company working in the Bio / Med-Tech industry.
- Company founded in 2021 and included in the innovative Startups section. In the same year, it is recognized as a Spinoff.
- The team's expertise was developed within the Department of Computer Science, Bioengineering, Robotics, and Systems Engineering of the University of Genoa, with which our team collaborates.
- The three-person team has experience in bioengineering but in various fields of expertise.
- ScreenNeuroPharm was overall and in the Life Science category winner of SMARTCup Liguria 2020, awarded at the National Award for Innovation 2020 (PNI), winner of the Golinelli foundation's Reactor pre-acceleration program and winner of the Futura di GiovedìScienza21 award.

Mission

- The mission of ScreenNeuroPharm is to provide physiologically relevant in vitro models to improve the reliability and efficiency of laboratory and pharmaceutical tests.
- ScreenNeuroPharm is a supporter of ethically correct testing that adheres to the ideals of cruelty-free and 3Rs (refine, reduce, replace).

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Our services

ScreenNeuroPharm's business model includes a variety of services:

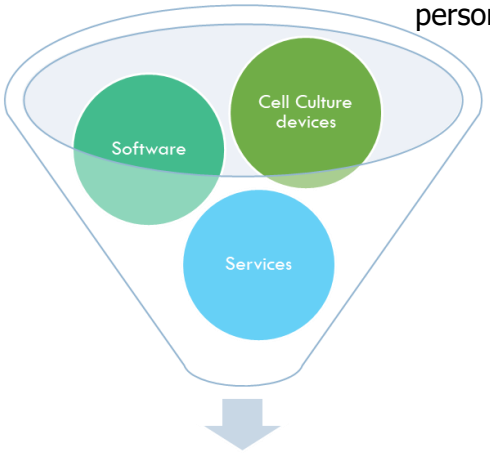
- Customer support for ScreenNeuroPharm products
- Use of ScreenNeuroPharm products on behalf of customers
- Research and development of products
- Collaborations with research institutions and companies

The product

ScreenNeuroPharm creates, produces, validates, and markets:

- in vitro cell culture engineering devices that mimic physiology in the human body. To date, it provides a variety of physical frameworks for constructing three-dimensional, modular, and heterogeneous cell cultures.
- user-friendly analysis tools to simplify analysis operations that are currently time and cost-consuming, operator-dependent, and difficult to automate.

All products are developed in partnership with clients, if feasible, to make the ScreenNeuroPharm experience as personalized as possible.



Drug screening and laboratory tests that are easy, quick, and affordable

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www.screenneuropharm.com

logo

CurlRobotics srl

About us

- CurlRobotics Srl was founded to enhance the value of research results in the field of advanced robotics. We stand out for our innovative approach to the design of devices for manipulation and grasping, with applications in industrial, biomedical, and agri-food sectors.
- The innovative start-up was established in 2025 and, in the same year, received official recognition as a spin-off of the University of Genoa.
- The founding team consists of four partners with extensive experience in mechanical design and collaborative robotics.

Mission

- We are engaged in research, development, and technology transfer for the creation of advanced robotic devices, with a particular focus on next-generation adaptive grippers.
- Our solutions are based on an interdisciplinary approach that combines mechanics, electronics, innovative materials, and advanced control techniques to deliver high-performance, versatile, and accessible devices.

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Our services

- Development of robotic systems for handling delicate, fragile, or deformable objects, such as fresh food products or biomedical components.
- Engineering, Procurement, and Construction (EPC) services for customized robotic solutions, tailored to the specific needs of industrial automation and integration.
- Technical consulting services for the integration of robotic gripping and handling systems within production lines or biomedical applications. We support companies and research centers in developing customized solutions, optimizing performance, flexibility, and adaptability of automated processes.

Our Product

- We design and develop reconfigurable, lightweight, and efficient robotic devices capable of adapting to a wide range of applications through the synergistic integration of rigid and soft components. This hybrid architecture allows the devices to dynamically adjust their configuration and conform to the shape and fragility of the objects being handled, ensuring precise control and a secure grip.
- Thanks to their versatility, our products meet the evolving automation needs of both developed and emerging markets.

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CurlRobotics.it

Socio-economic Area

campus civico srl

Who we are

- Campus civico Srl is a spin-off of the University of Genoa, established in 2023. The company was founded by two sociologists and two architects, professors and researchers from the Department of Political and International Sciences (DISPI) and the Department of Architecture and Design (DAD) of the University of Genoa. The founding members include a research fellow and a graduate student, from the same departments, and two professionals, with consolidated experience in the fields of institutional relations, communication, and participatory processes.
- The plurality of profiles and skills involved, together with the constant relationship with research, allow Campus civico to respond in an integrated and customized way to the needs of companies and administrations in the field of communication and citizens and stakeholders engagement.

Activities

- Local community engagement is fully recognized as a key factor in the decision-making process for the location and implementation of large-scale works with significant environmental, economic and social impacts.
- Experiences are by now numerous, at the local, national and European levels.
- Campus civico designs and manage participatory processes and communication strategies based on transparency and dialogue with parties
- Campus civico services are aimed at businesses, local governments, and all entities, public, private, and third sector, interested in promoting engagement and dialogue with citizens and stakeholders.

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The service

- Campus civico facilitates ideas and enables dialogue, in the plurality of situations where it is necessary to promote dialogue between institutions, companies, stakeholders and citizens.
- The interdisciplinary approach makes it possible to develop and conduct participatory and activation processes and to develop and manage communication strategies marked by transparency and constant dialogue with the parties, and to manage the different activities in a unitary form.
- Campus civico provides advice on participation, communication and social innovation and supports the development of projects aimed at public engagement, the production of public goods of a social nature, and the implementation of innovative tools to support open science.
- There is no one way of practicing participation and involvement: rather, there is a plurality of methodologies, the use of which may vary depending on the starting point and objectives, the issue at stake, the actors involved. For this reason, Campus civico does not offer a standard service, but it defines the modalities of participation and communication strategies based on the decision-making context and in dialogue with the promoters.

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Who we are

- HoB s.r.l. was founded in February, 2022 in order to bridging the gap between academic research and practice in artificial intelligence (AI). Specifically, leveraging the experience of researchers to design AI-based solutions, HoB has the ambition to make AI accessible beyond the boundaries of its intrinsic complexity.
- By adopting a proprietary web portal, we propose an innovative approach to AI-based solutions in several fields: AI algorithms, DICOM imaging, and data analysis.
- Our team consists of scientists and software developers, and promotes an interdisciplinary methodology taking advantage of the diverse scientific background of the professionals involved. HoB s.r.l. has been recognised a "University Spin-off" by the University of Genoa in December 2022.

Activities

HoB S.r.l. offers solutions to support companies to address the data analysis problems:

- ✓ HoB Consultancy
- ✓ HoB Studio, a web-based platform that allows the development, testing, and leveraging AI-based algorithms;
- ✓ HoB Medical, a zero-footprint DICOM viewer with advanced features (CT-PT fusion and MPR)
- ✓ HoB Vet, a HoB medical extension tailored to the veterinary environment
- ✓ Hob Studio Network and Research Extension, to allowing the sharing of DICOM studies within the HoB network and to even offer the possibility to code customized AI algorithms within the framework of DICOM-based studies.

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Our services

HoB s.r.l. helps companies to address issues in the following main areas:

- ✓ Consulting companies to best leverage the data they already own.
- ✓ General algorithms design, including AI
- ✓ Supporting research labs. Our web platform provides a ready-made set of software tools that are functional to the research goal.

Our solutions are delivered through our proprietary web platform.

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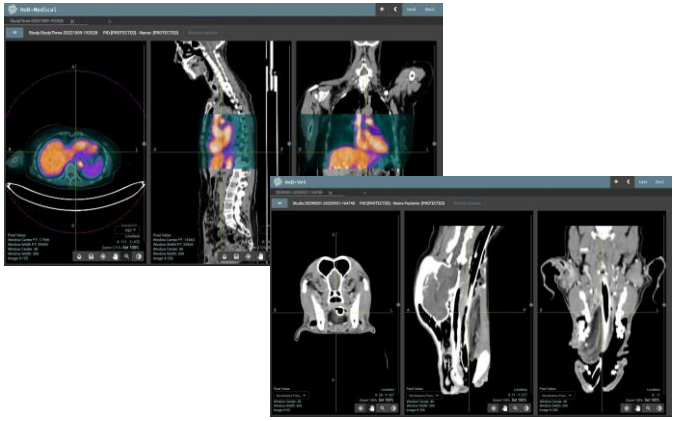
Our softwares

Our software offering includes:

- ✔ **HoB Studio** - a general purpose, web based platform to code, test and run AI algorithms.
- ✔ **HoB Medical** - a zero footprint DICOM viewer designed to leverage cloud architecture.
- ✔ **HoB Vet** - a zero footprint DICOM viewer optimized for veterinary environment.



www.hob-srl.it

About us

- OPTIMeasy, founded in January 2021, deals with the optimization of operations mainly in the Logistics and Transport sectors.
- It is registered as Innovative Start Up in the special section of the Register of Companies and is Spin Off of the University of Genoa since May 2021.
- OPTIMeasy is based on the great passion of the two founders who, through the integration of transversal skills including mathematics, optimization, logistics, transport and economics, are confident of being able to provide a contribution to companies for supporting them in problem solving and cost reduction using decision theory, operations research and optimization approaches.

Mission

- OPTIMeasy offers a simple approach to obtain decision support systems for bringing a consistent competitive advantage using operations research and optimization techniques, with the aim of supporting companies in the efficient and organized management of processes and decisions.

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Our services

OPTIMeasy aims to offer all those activities necessary for the development of decision support systems based on operational research and optimisation techniques in order to guarantee a comprehensive approach to the customer:

Analysis

Comprehensive analysis of processes, starting from their definition, through the study of the activities that make them up to the identification of the most appropriate improvement approach

Optimization

Study and development of a solution approach aimed at optimizing the decisions and/or operational processes defined and analysed

Scenario analysis

Construction of comprehensive scenario analyses to assess different possible alternatives

Key performance indicators

Support in defining appropriate Key Performance Indicators (KPIs) for monitoring and evaluating improvements

Decision suppport systems

Designing of decision support systems based on the developed optimization approach and to be integrated into the customer's business process

Project management

Management of innovative projects related to the development of the most suitable tools for improving and optimising business processes

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Need Model Solution

Who we are

Neel Model Solution focuses on the creation of quantitative frameworks for corporate optimization. We provide research, strategic decision support, development of forecasting systems, and HR consulting. Our team includes specialists in quantitative economics, finance, and econometric modeling. In particular:

- **Marco Mazzoli**: boasts over thirty years as a university researcher and lecturer, served on the board of an investment firm, and holds expertise in econometrics, financial markets, cooperative economics, and economic policy.
- **Marco Lertora**: has extensive experience at global firms like Deloitte, Stellantis, Luxottica, and RINA in international accounting and finance teams. He got a PhD in economics and economic policy and possesses competencies in corporate governance, corporate finance, optimization of organizational and compensation systems, accounting, and financial reporting.
- **Alessio Barattini**: brings extensive experience as a statutory auditor and management controller at firms like KPMG and ERG. He holds a degree in administration, finance and control, and a Master's in strategic corporate finance.

About

- Support in drafting financial and economic documentation for participation in public and private funding procedures, incentives, and tenders
- Development of informational tools for internal and external use
- Preparation of short- and medium-term forecasting tools
- Implementation of tools for streamlining and improving processes
- Analysis of the socio-economic context

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Our Services

- Business strategy
- Process optimization
- Digitalization
- Automation
- Market expansion and penetration support
- Training and support
- Analytical accounting and management control tools

Our Product

- Customized business plans
- Process analysis and optimization
- Strategic consulting and business vision
- Scenario and sensitivity analysis

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