

Vertical training visit

University of Salento

AGENDA

Where: University of Salento, Lecce, Italy

When: May 8th to May 11th

DAY 1 – May 8 2023

Venue: Fermi Room, IBIL

08.30-09.00	<i>Welcome and Registration</i>
09.00 – 10.45	<p><i>Opening with Plenary Session</i></p> <ul style="list-style-type: none"> ✓ Prof. Antonio Ficarella, UNISALENTO ✓ Martina Zipoli, UNIMED ✓ Dr. Daniele Contini ISAC CNR “Atmospheric pollutants and indicators of emerging concern for air quality and health” ✓ Prof.ssa Maria Grazia De Giorgi UNISALENTO
10.45 - 11.15	<i>Coffee break</i>
11.15 - 13.00	<p>[One group]</p> <p><i>MSE (Management Science and Engineering Lab)</i></p> <p>The laboratory originates from the e-Business Management Section of Scuola Superiore ISUFI (University of Salento). The Lab's research focus concerns business management, technology innovation and entrepreneurship, and digital transformation to activate and support innovation processes in organizations and territories. The Lab's activities are inspired by five key principles: interdisciplinarity; integration of education and research; internationalization; public-private partnership; problem-orientation and action-based learning. The laboratory involves an interdisciplinary group of researchers and professors, and is coordinated by Prof. Giuseppina Passiante.</p> <p>https://mse.unisalento.it/</p>
13.00 – 14.30	<i>Lunch</i>

14.30 – 16.30	<p>[Different Groups]</p> <p>Labs DII <i>(Innovation Engineering Department) Energy and Environment</i></p> <p>DII obtained prestigious results national and international awards and our research activities benefit of several national and international projects. Open and reliant on international cooperation, the Department offers to interested students several education and exchange opportunities for study, traineeship and research, these two latter also in virtual and blended modality for each cycle of study. The research and labs cover the following fields: Renewable Energies, Materials Science & Technologies, ICTs, Internet of Things, High-Performance Computing, Virtual & Augmented Reality, Nanotechnologies, Automation & Robotics, Machine Processing Systems & Technologies, Mechanical & Aerospace Design, Intelligent & Clean Manufacturing Technologies, Management Engineering, Design and Testing in Mechanical & Civil Engineering, Fluid Dynamics & Machinery, Bio-applications.</p> <p>https://international.unisalento.it/departments/engineering Prof. Antonio Ficarella, Prof. Giovanni Manente</p> <p>EUMER - European Maritime & Environmental Research www.eumer.eu</p> <p>This Lab provides physical model testing capabilities at appropriate scales for device testing, environmental modelling and coastal engineering, combined with broad expertise in numerical modelling. EUMER aims to deliver practical solutions of the most complex water-related challenges: from climate change, to renewable energy, coastal management, environmental impact and port engineering and management. The multidisciplinary research center experts hold a proven track record of securing significant external grants from international funders, and developing innovative partnership with educational institutions, industry and other maritime organisations.</p> <p>Prof. Samuele De Bartolo.</p>
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DAY 2 – May 9 2023

Venues:

Ecotekne campus

Aquatina center

08.45 - 09.00	Registration
09.00 – 11.00	<p>[One group]</p> <p>The Environment Museum</p> <p>The Museum collections consists of fossils and historical scientific instruments. The collections of fossils include remains from the Miocene and Cretaceous deposits that have been found in Salento, with some unique specimens of great scientific importance, great</p>

	<p>size and uncommon completeness. The collection of ancient scientific instruments (centuries of the nineteenth century) includes dozens of units for health and teaching of physics by Salentinian scientists.</p> <p>https://museoambiente.unisalento.it/home_page</p> <p>Prof. Pietro Lionello</p>
11.00 - 11.30	Coffee break
11.30 - 13.00	<p>[One group]</p> <p>The Botanical Garden</p> <p>The Botanical Garden of the University of Lecce is located within the Ecotekne University Campus. It is a nucleus of modest surface (about 2 hectares), of irregular shape, suitably delimited by a metal fence. Inside, there are still small groupings of Eucalyptus Camaldulensis Dehnh. (adventitia now in the process of naturalization in Salento) and Pinus halepensis Miller, the result of reforestation prior to the establishment of the Campus, while recently planted exotic species develop along its perimeter.</p> <p>https://www.unisalento.it/musei/orto-botanico</p> <p>Prof. Marcello Lenucci, Dr.ssa Rita Accogli</p>
13.00 – 14.30	Lunch
14.30 – 16.00	<p>[Different Groups]</p> <p>Venue: Fermi Room IBIL</p> <p>Core Lab</p> <p>(Collaborative hOlistic Research Environment Lab)</p> <p>CORE Lab is a research laboratory of the Department of Engineering for Innovation of the Università del Salento. The Digital Engineering For Industry area aims to develop tecno-organizational solutions for product/process design and operations management in complex industrial sectors. Its focus is on the optimization of engineering data, information and knowledge management through tools and methodologies based on business processes and innovative technological applications.</p> <p>https://corelab.unisalento.it/en/</p> <p>Prof. Claudio Petti, Prof.ssa Maria Elena Latino</p> <ul style="list-style-type: none"> • 14.30 - 15.00 Seminar on ecosystem CORELab. One group. • 15.00 – 15.30 Group 1 – Visit to the labs Group 2 - Roundtable • 15.30 - 16.00 Group 2 - Visit to the labs Group 1 – Roundtable
16.30-18.00	<p>[One group]</p> <p>Acquatina Basin and Aquaculture Research Center</p> <p>Acquatina is a humid coastal area with an area of 100 hectares, located in Puglia, on the Adriatic side of the Salento coast, about 13 km from Lecce, in the locality of Frigole. The brackish water basin covers an area of 45 hectares and extends for 2 km behind the</p>



	<p>dunes. The naturalistic oasis presents all the natural conditions of the brackish areas intact, including those particular plant intercropping of considerable floristic and vegetational interest, such as the shrubs of the Mediterranean maquis, the salty steppe and the various species of spontaneous orchids. The basin hosts an abundant and precious ichthyofauna, various species of crustaceans and molluscs and there is no shortage of aquatic plants and algal populations; moreover, the variety and integrity of the entire habitat allows for a rich presence of nesting and migrating birds. Acquatina is the experimental pole for aquaculture and fishery research and innovation at University of Salento</p> <p>http://www.acquatina.unisalento.it/sitiinter.htm https://goo.gl/maps/ngtFNASErnrvtF4h6</p> <p>Dr. Vincenzo Zonno, Dr.ssa Rita Accogli, Prof. Giorgio Mancinelli</p>
20.00	Social Dinner at Grand Hotel Tiziano

DAY 3 – May 10 2023

Venues:

*Rectorate, Piazzetta Tancredi 7 - 73100 Lecce
Campus Ecotekne*

08.30-09.00	<i>Welcome and Registration</i>
09.00 – 10.00	<i>Research Agenda Focus Group</i>
10.00 – 12.00	<p>Public Event [One group]</p> <p>Dissemination event at the Rectorate of the University</p> <ul style="list-style-type: none"> Magnifico Rettore Fabio Pollice UNISALENTO, Italy Dr. Marcello Scalisi Director UNIMED, Italy Prof. Antonio Ficarella Director DII UNISALENTO, Italy Dr. Gennaro Scarselli, Delegato del Rettore alla Proiezione Internazionale Magnifico Rettore, Salahaldeen Alsadey Saleh, Bani Walid University, Lybia Dr. Mohamed Abugharsa, Misurata University, Libya Dr. Izzudin Busnaina, Univeristy of Benghazi Prof. Teresa Pinto and Elisete Correia, University of Trás-os-Montes and Alto Douro, Portugal
13.00 – 14.30	<i>Lunch</i>



14.30 – 16.30	<p>[Different Groups]</p> <p>ISAC CNR ISAC CNR, Institute of Atmospheric and Climate Sciences that is a part of National Research Council CNR-ISAC promotes and develops an integrated scientific understanding of the atmosphere, the ocean and their processes, through a multidisciplinary approach. In particular, during the visit we are going to focus on aerosol dynamics, emission, deposition, and transformation processes in the atmosphere, characterisation of aerosol sources and atmosphere composition, physical and chemical properties of atmospheric particulate matter. https://www.isac.cnr.it/ Dr. Daniele Contini DISTEBA Unisalento Seminary Room A6 MULTIPIANO Prof.ssa Maria Rachele Guascito</p> <p>Two Grou: one visits ISAC CNR Labs and one attends PM seminary (Dr. Alessandro Carlino, Dott.ssa Eva Merico)</p>
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DAY 4 – May 11 2023

Venue: Ditech meeting room

08.30-09.00	Welcome and Registration
09.00 – 10.45	<p>[One Group]</p> <p>CNR NANOTEC Plenary CNR NANOTEC Institute of Nanotechnology The Institute of Nanotechnology CNR-NANOTEC develops fundamental and applied research in the fields of nanosciences and nanotechnology. It gathers scientists and students from the disciplines of physics, chemistry, engineering, materials science, as well as biology and medicine. To promote knowledge and innovation in science and technology, CNR-NANOTEC develops cutting-edge experimental techniques and modelling tools, developed within the Institute in close collaboration with academic, institutional and industrial partners. CNR-NANOTEC mission is to attract and involve talented researchers through an open-access management of the facilities in order to promote the development of external projects as well as partnerships with the international leading research centres. At CNR_NANOTEC, innovation is promoted through technology-transfer processes, the creation of joint-labs with international companies and in collaborations with venture capital funds is fostered, and the foundation of start-ups and spin-offs is stimulated. https://nanotec.cnr.it/en Prof. Giuseppe Maruccio</p>



10.45 - 11.15	<i>Coffee break</i>
11.15 - 13.00	[4 Groups] <i>Visit to Labs (in parallel)</i>
13.00 – 14.30	<i>Lunch</i>
14.30 – 16.00	[One Group] <i>Dhitech Technological HighTech District</i> <i>“An open innovation ecosystem”</i> The main mission of the Dhitech is to foster innovation in the regional economic and productive social system, within the ambit of regional, national and community policies, through joint activities between public research institutions and private companies, promoting technology transfer and the birth new business with high technology content. The distinctive skills of DHITECH pertain to the following areas of specialization: molecular nanotechnologies for the environment and health, tissue engineering for regenerative medicine, ICT for innovation in the design of knowledge-intensive and sustainable products and services. The main activities on which the action of DHITECH is concentrated concern: management and implementation of complex research, innovation and training projects involving the players of the ecosystem; the management and promotion of the technological building, equipped with cutting-edge technological infrastructures, as a "place of innovation and technology transfer", within which to develop new specialist skills. http://www.dhitech.it/ [Two groups] Opening and presentation, then visits (in parallel) to companies with Director Tiziana Valerio and Dr. Nicola Sicilia .
16.30 – 17.30	<i>Closing</i> Final remarks Evaluation of the visit