

30th Jan – 9th Feb 2023

Milan, Italy

Hosted by School of Design, Politecnico di Milano at Campus Bovisa

FUTURING CARE

Rethinking well-being by envisioning digital solutions seamlessly integrated into daily life.

CALL FOR STUDENTS

Are you interested in co-designing future tech solutions that will reshape our daily life care?

Are you interested in discovering how digital technologies can enable the creation of a more equal, accessible and distributed healthcare system?

Are you interested in learning a new methodology to think and create in a collaborative, fair and innovative way, in an international and multidisciplinary environment?

If it is so, we have a fantastic workshop for you!

THE CONTEXT

As highlighted by the 17 Sustainable Development Goals (SDGs), the heart of the 2030 European Agenda for Sustainable Development provides a shared blueprint for well-being and prosperity for people and the planet, now and into the future. Therefore, ensuring healthy habits, an efficient healthcare system, and promoting the adoption of more sustainable behaviour towards an improvement of personal and environmental well-being is essential to future sustainable development.

In this 3rd Learning Lab organized by Politecnico di Milano, the concept of care is considered from a convergent perspective as a combination of human and environmental health and their interaction and interconnectedness. Indeed, the planet's health is crucial for individuals' physical, mental and emotional health.

It is expected the emergence of a "futuring care" approach, seamlessly integrated into daily life, and characterized by a deeper understanding of individual human biology and lifestyle, able to deliver disease and well care earlier and in a more personalized manner.

Indeed, more than before, care involves systemic processes, such as: making healthy lifestyle choices avoiding unhealthy habits, being physically active, eating healthily, and it ranges from promoting everyday well-being and taking care of self-treatable conditions to the management of long-term conditions and recovering after trauma.

In this ongoing disruptive healthcare, with the convergence of health and wellbeing (people and planet), significant challenges and opportunities are arising, leveraging a broader range of health solutions.

Artificial Intelligence, Machine Learning, Virtual Reality, Wearable sensors and Internet of Things are emerging technologies with outstanding potentialities for care and well-being. Therefore, new digital care scenarios and solutions can be envisioned towards the creation of a more equitable and sustainable well-being ecosystem for future generations.

Within this broad topic, three thematic areas have been specifically defined as they urge today for an increasing attention and actions for an improvement in the future, through the strategic adoptions of digital technologies.

These are:

- Food as medicine
- Mental and emotional care
- Everywhere's care

WHAT IS A LEARNING LAB?

A Learning Lab is a 10-days design-led workshop where students from design, engineering and management will work collaboratively to design new tech solutions for more sustainable and ethical futures. Multidisciplinary teams would explore the potentialities of some digital technologies proposed by selected tech-SMEs or startups and will be mentored by international experts from various fields and backgrounds.

Learning Labs are an opportunity to learn about a new methodology to think and design in a digitally mature way, developing skills to identify opportunities for innovation through the application of digital technologies.

Learning Labs are part of the DC4DM methodology, one of the outputs of the ERASMUS+ funded project titled 'Digital Creativity for developing Digital Maturity future skills'. The DC4DM project aims to implement, apply, and disseminate within a European network of HEIs, SMEs and startups, business incubators, a human-centered educational model able to develop and empower digital creative abilities to achieve digital maturity. Partners in this project are Politecnico di Milano, Mines Saint-Étienne, Télécom Saint-Étienne, Universidade da Madeira and StartUp Madeira.

WHAT WILL YOU DO?

At the Learning Lab 'Futuring Care' you will meet and work with students and experts from different countries and disciplinary fields, particularly from design, engineering and management. You will learn about exciting digital technologies through 5 tech-driven SMEs and startups, working on 3 thematic areas presented by expert mentors in the field.

The Learning Lab in Milan represents a valuable opportunity to collaborate and design in team new future digital solutions to rethink care in 2033. The Learning Lab 'Future Care' will involve:

- 5 tech-oriented SMEs and start-ups proposing the application of different digital technologies or services;
- 3 expert mentors presenting future trends in the 3 thematic areas: food as medicine, mental and emotional care, everywhere's care.
- several mentors and educators from design, engineers, and design futures that will support you through the application of the methodology and the development of future scenarios and solutions.

Important Dates

HOW CAN YOU APPLY?

Application is through your institution's main contact for the DC4DM project

Mines Saint-Etienne : david

Who can participate?

WHO CAN PARTICIPATE?

Masters students and PhD's, from the areas of design, management, engineering, [other to be defined according to institution]

Be aware that the Learning Lab 'Futuring care' will be run in English; applicants are required to understand and speak English fluently.

WHY SHOULD YOU PARTICIPATE?

You will meet students and professors from other European schools and learn about other ways to think, design and innovate toward a digital mature mindset.

You will have the chance to meet real SMEs and startups, learn about new digital technologies and speculate on the possible new applications and sustainable futures.

As an international summer school, this programme will enrich your curriculum and provide you with new tools to develop an entrepreneurial and creative approach to problem solving.

The participation to the workshop will provide an official certificate of participation released by POLIMI and DC4DM consortium.

INTELLECTUAL PROPERTIES

Participants will be asked to sign an NDA for the confidentiality of knowledge and tech-products made available by the SMEs and startups. At the same time, these companies will sign a document that will protect the intellectual property of the projects emerging from the Learning Lab 'Futuring Care'.

Food and Accommodation

For students from Universidade de Madeira, Mines Saint-Étienne and Télécom Saint-Étienne only: flights to Madeira, accommodation for 10 nights, main meals and local trips will be covered by the DC4DM project budget. For further information, please contact the local responsible. See below in contacts.

MORE INFORMATION

web: www.dc4dm.eu

email: info@dc4dm.eu

instagram: @dc4dm

Contacts

For information about the programme, applications, costs, write to the responsible person at your school / university: ---