



# EIT Manufacturing Winter School

Exploring Augmented  
Manufacturing: Enhancing  
Efficiency and Sustainability  
with Digital Technologies



## Programme Schedule

25 Nov - 06 Dec, 2024

Faculty of Engineering -  
University of Porto (FEUP)



Co-funded by the  
European Union



## EIT Manufacturing Winter School Overview



Anchored in the NextGenerationEU Recovery Plan and guided by the motto “Machines don’t solve problems; humans solve them together!”, the **EIT Manufacturing Winter School** at Porto is designed to empower participants with essential leadership, intellectual, and creative skills. Participants will leverage their research expertise and technical competencies to tackle complex problems and societal challenges.

By blending creativity with cutting-edge technology, this Winter School prepares future leaders to enhance efficiency and sustainability in the field of augmented manufacturing.

**Know more about the curriculum.**

[Click here](#)



*Or scan this QR code*

**Class room:**

**25 Nov, 2024 | Monday**

Time	Activity	Details
09:00 - 10:45	Welcome	Introduction of the tutors, industry partners, and EIT Manufacturing
11:00 - 13:00	Design Sprint: Understand	<ul style="list-style-type: none"> <li>• Winter School programme and structure</li> <li>• Winter school objectives</li> </ul>
14:00 - 18:00	Design Sprint: Sketch	<ul style="list-style-type: none"> <li>• Challenge explanation</li> <li>• External partners introduction</li> </ul>

**26 Nov, 2024 | Tuesday**

Time	Activity	Details
09:00 - 10:45	Design Sprint: Decide	<ul style="list-style-type: none"> <li>• Value Proposition Analysis</li> <li>• Value Proposition Canvas</li> <li>• Personas definition</li> <li>• Need validation</li> </ul>
11:00 - 13:00	Design Sprint: Decide	<ul style="list-style-type: none"> <li>• Business model definition</li> <li>• Business model Canvas</li> </ul>

14:00 - 15:45	Design Sprint: Prototype	Business model review
16:00 - 18:00	Design Sprint: Prototype	Feasibility Test: Reflect on assumptions about feasibility and desirability

27 Nov, 2024 | Wednesday

Time	Activity	Details
09:00 - 10:45	Design Sprint: Validate	Business model review
11:00 - 13:00	Design Sprint: Validate	Business Model Refinement
14:00 - 15:45	Design Sprint: Validate	Idea presentation preparation
16:00 - 18:00	Pitch	Pitching the idea

28 Nov, 2024 | Thursday

Time	Activity	Details
09:00 - 10:45	Storyselling: The power of effective presentation	Presentation, data visualization and video design techniques and tools
11:00 - 13:00	Storyselling: The power of effective presentation	Golden rules for a good elevator pitch
14:00 - 18:00	Storyselling: The power of effective presentations	Work on the business idea presentation

29 Nov, 2024 | Friday

Time	Activity	Details
09:00 - 13:00	Storyselling: The power of effective presentation	<ul style="list-style-type: none"> <li>• Work on the business idea presentation</li> <li>• Review with tutors</li> </ul>
14:00 - 18:00	Storyselling: The power of effective presentation	Golden rules for a good elevator pitch
14:00 - 18:00	Storyselling: The power of effective presentations	Business idea presentation refinement

02 Dec, 2024 | Monday

Time	Activity	Details
09:00 - 10:45	Introduction to IPR and the main principles	<ul style="list-style-type: none"> <li>• Introduction to IPR and their key principals.</li> <li>• Introduction to intellectual property protection tools.</li> <li>• Q&amp;A</li> </ul>
11:00 - 13:00	Models for innovation	<ul style="list-style-type: none"> <li>• Introduction to the model for innovation and how these can be designed for a specific business model of a startup (e.g., mergers, licenses, participation in equity)</li> <li>• Q&amp;A</li> <li>• Introduction to a short case related to the models for innovation</li> <li>• Discussions of the case between all the participants</li> </ul>
14:00 - 15:45	IP contractual aspects	<ul style="list-style-type: none"> <li>• Icebreaker</li> <li>• Introduction to the insights into the contractual aspects of intellectual property with a focus on the startup ecosystem (ex: definition of the concrete IP rights concerned, definition of the financial conditions, definition of the state of exclusivity or non-exclusivity)</li> <li>• Q&amp;A</li> </ul>
16:00 - 18:00	IP contractual aspects	<ul style="list-style-type: none"> <li>• Introduction of a short practical case related to the models for innovation to be solved in small teams</li> <li>• Presentation of the case solution by each team and discussion between all the participants</li> </ul>

03 Dec, 2024 | Tuesday

Time	Activity	Details
09:00 - 13:00	Company visit	iiLab / INESC-TEC
14:00 - 18:00	Company visit continues	iiLab / INESC-TEC

04 Dec, 2024 | Wednesday

Time	Activity	Details
09:00 - 10:45	Pitch preparation	<ul style="list-style-type: none"> <li>• Pitch preparation</li> <li>• Review with tutors</li> </ul>
11:00 - 13:00	Pitch refinement	Pitch refinement
14:00 - 18:00	Workshop	Workshop on Zero Defect Manufacturing

05 Dec, 2024 | Thursday

Time	Activity	Details
09:00 - 13:00	Demo Day	Pitch preparation for the final pitch session
14:00 - 18:00	Demo Day	Pitch presentation

06 Dec, 2024 | Friday

Time	Activity	Details
09:00 - 13:00	Networking	To be provided
14:00 - 18:00	Interview with EIT Manufacturing	Expressing the overall experience and sharing the skills gained, etc.



## What is the Demo Day?

As part of the Winter School, the **Demo Day on Dec 05** is a Launchpad Global Pitchfest, a full day event where the participants will have the opportunity to pitch their ideas together with other students from University of Porto involved in different acceleration programs.

Students from the School of Startups for Researchers (UPTEC), the ClimateLaunchpad (Climate-KIC) and the Venture Scientists program (Conception-X) will join the demo day and present their ideas.

## How can participants benefit from it?

The Launchpad Global Pitchfest will take place at the University of Porto Science and Technology park main building and incubator, and will **attract entrepreneurs, Business Angels (BA) and Venture Capitals (VC)**.

Participants will have the opportunity to network with fellow aspiring entrepreneurs, start-ups and entrepreneurs, BAs and VCs, learning and benefiting from the experience of like minded people and extending their networks.

**Get ready for a transformative learning experience.**

**Last day to enroll:**

**Apply now to the  
Winter School**

**APPLY**

# Making Innovation Happen!



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**APPLY**

