JUMP Joint University Challenge-based Minor Program for Future Generation of Innovative Entrepreneurs

ECIU university

SHAPE THE FUTURE OF MANUFACTURING WITH THE MASSMA EUROPEAN PATHWAY

Join the European Manufacturing for Smart Machining (MassMa) learning pathway and gain practical skills in smart machining, IoT, multi-agent systems and data-driven manufacturing to boost efficiency, productivity and resilience.

Micro-Module Multi-Agent System for Smart Machining PART I : Monitoring

- 2 ECTS
- 01/10/2026 - 13/11/2026
- Online
- Apply before 12/10/26

Challenge Multi-Agent System for Smart Machining PART I I : Reducing Energy in Machining

- 3 ECTS
- 16/11/2026 - 16/12/2026
- Online + Mobility week to Toulouse (France)
- Apply before 01/11/26

Micro-Module Multi-Agent System for Smart Machining 2 : Machine-learning models for data analysis, classification and prediction of process conditions

- 3 ECTS
- Spring 2027
- Online
- Application dates to come



Pathway options

Take the micro-modules either together OR choose just one

OR

Complete micro-module Part I then take the challenge Part II to earn 5 ECTS

OR

Take both micro-modules and the challenge to earn 8 ECTS for the complete learning pathway

Co-funded by the European Union

UNIVERSITÀ DI TRENTO

INSA INSTITUT NATIONAL DES SCIENCES APPLIQUÉES TOULOUSE