



Associazione Italiana delle
Tecnologie Manifatturiere



MANUTHON

The large logo features the word "MANUTHON" in a bold, blue, sans-serif font. A stylized black robotic arm is integrated with the letter 'O', which is replaced by a blue circle. The arm extends from the bottom left, curves upwards, and holds a glowing yellow lightbulb at its tip. The lightbulb has several short yellow lines radiating from it to indicate light. The background is a light blue gradient with a diagonal line separating a darker blue area on the left from a lighter blue area on the right.

Manuthon®
Manufacturing Hackathon

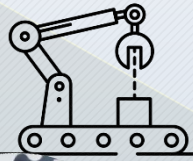
Manuthon: Manufacturing Hackathon

0 - start



Participant
registration

2.5h



Idea conception
and team
development

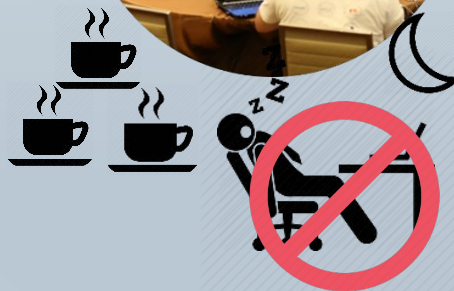


Challenge
presentation

5h



29h

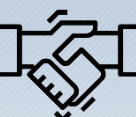


Idea presentation

33h - non stop



Awards ceremony



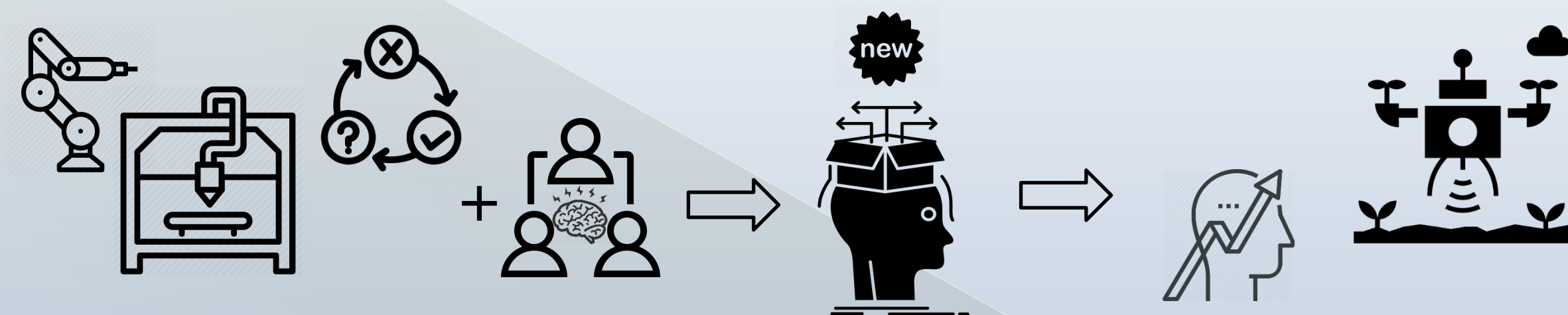
The main goal of Manuthon is to foster connections between companies and young talents in an unconventional, informal, and dynamic environment.

Participation is free of charge

- Manuthon is a competition based on the typical Hackathon format, entirely focused on Manufacturing.
- Bright young talents from all over Italy — undergraduate, graduate, master's, and PhD students — will compete to design and develop innovative ideas in response to specific challenges proposed by companies in the manufacturing sector.

Manuthon at a Glance

- The event is open to about **100 motivated young participants** (under 32) — selected from leading Italian universities — eager to take on technological challenges proposed by partner companies.



- Participants in **Manuthon** are asked to work in teams to develop a **project**, propose an **idea**, design a **product**, or create an **app** or a **piece of code** in response to **specific challenges** proposed by **companies** in the **manufacturing sector**, within a limited timeframe (a non-stop **2-day** event).

ManuThon at a Glance

- Participants may bring **their own tools and equipment** (laptops, Arduino®, app development tools, cameras, etc.).



- A **jury** of **experts** from both the **industrial** and **academic** sectors will **award prizes to the winning teams based on their final presentations: €1,500 for the overall winner and €1,000 for the winners of each challenge.**



- Participants whose ideas show particular innovation or business potential may, **at the discretion of the companies** involved, be offered additional benefits, **internships**, or even job opportunities with the company sponsoring their challenge.

The previous editions of Manuthon

First edition: Napoli 2019

DIGITA

UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II

D I
C
M a
P I

Dipartimento
di Ingegneria Chimica,
dei Materiali e della
Produzione Industriale
Università degli Studi
di Napoli Federico II



Partners:



BLM GROUP



mandelli



Partners:



DANIELI

BLM GROUP



Second edition:
Torino 2022

Third edition: Reggio Emilia 2024

UNIMORE
UNIVERSITÀ DEGLI STUDI DI
MODENA E REGGIO EMILIA



Partners:

Nikon SLM
SOLUTIONS



Challenges and Thematic “Caffè”

- The competition challenges will be published as videos on the official Manuthon website (www.manuthon.it) and on the YouTube channel (<https://www.youtube.com/@Manuthon>) a couple of months before the event.
- A few weeks before the hackathon, thematic “Caffè” livestreams will be organized nationwide — preparatory sessions introducing the competition and its themes. More information will be available on the website.

Logistics (approximate schedule)

◎ Day 1

- 8:30 AM – Participant registration and welcome kit distribution
- 11:00 AM – Presentation of Manuthon and the challenges
- 1:15 PM – Start of the competition (24-hour format, ends at 1:15 PM on Day 2)
- During the hackathon, participants will be provided with lunch and late-night refreshments
- Evening – Dinner

◎ Day 2

- 1:50 PM – 5:10 PM – Team project presentations
- 5:20 PM – Jury evaluations and award ceremony



MANUTHON

For more information:

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 www.aitem.org