



The Italian Association for Manufacturing Technologies (www.aitem.org) presents:

ManuThon 2022 - 2nd edition

Manufacturing Hackathon

MANUTHON



Politecnico di Torino
20th -21st May 2022





participants
registration

0 - start

2.5 hours



challenges
presentation

5 hours



ideas development
team-working

29 hours



ideas presentation



33 hours - no stop

award ceremony



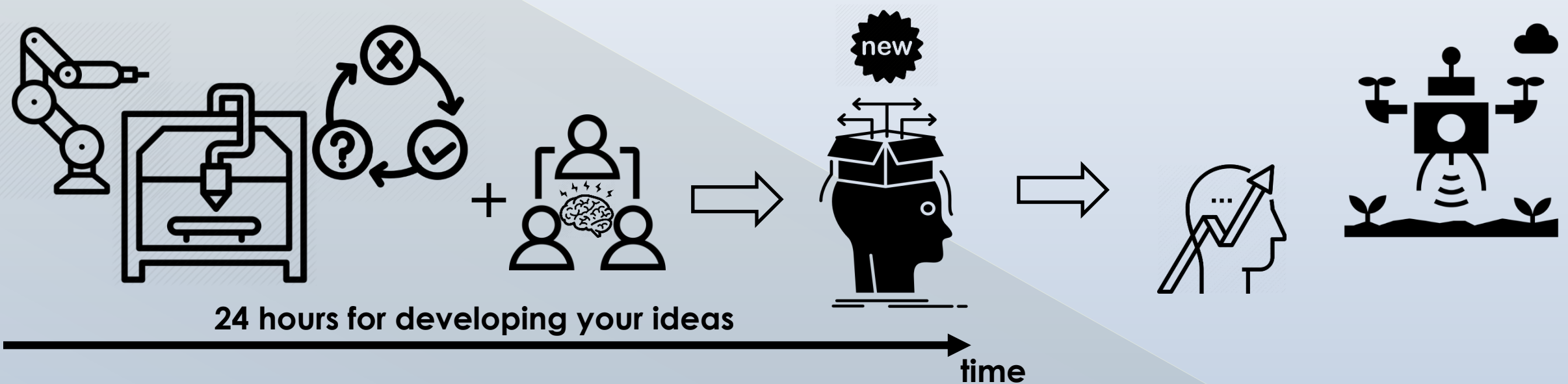
- According to the Hackathon format, ManuThon is a competition focused on Manufacturing.
- Brilliant and selected young participants from all over Italy (degree and master degree students, PhD candidates, graduates, etc.) will try to conceive and develop new ideas in order to reply to the challenges defined by manufacturing industries.

The goal of ManuThon is to foster and the interaction between young people and companies in an unconventional and informal context.

**FREE OF CHARGE
PARTICIPATION**

ManuThon in pills

- ManuThon** is aimed at about **100** brilliant young **participants** selected from the main Italian universities (degree and master degree students, PhD candidates, graduates, etc.) that want to put themselves to the tests with technological challenges proposed by companies.



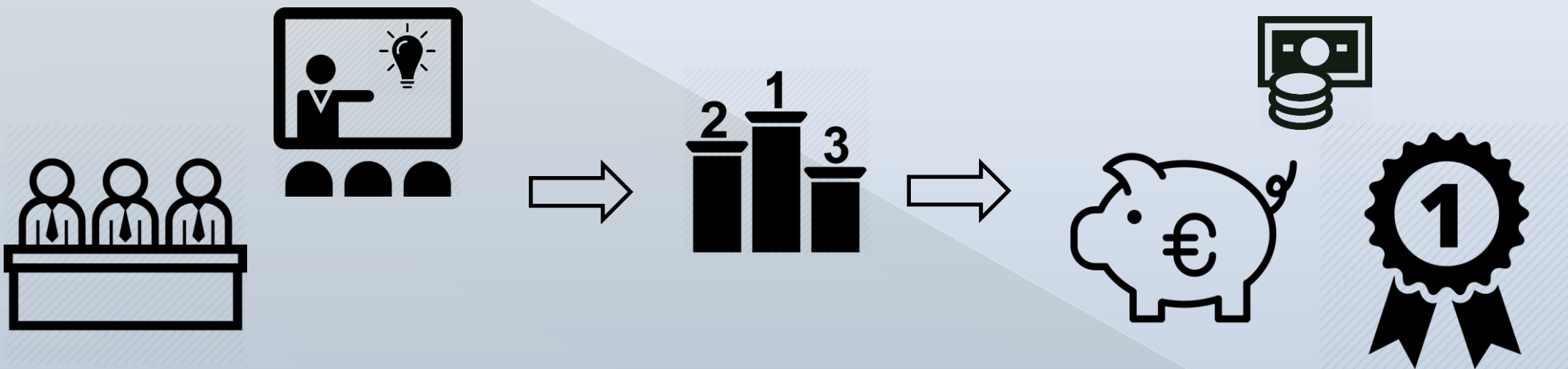
- In a limited time period (33 hours non-stop), the participants should develop a **project** or propose an **idea** or conceive a **new product** or develop an **app** or a **code**, etc. to tackle the defined technological challenges

ManuThon in pills

- Participants can bring **whatever** might be useful in the competition or for the final presentation of their ideas (laptop, Arduino®, notes book, camera, equipment for developing apps, etc.)



- A panel of experts from industries and universities will select the winning team according to their final presentations. The **winning team** will be awarded a **1500€** prize (global winner). There will also be a challenge winner (1000€) for each (company) challenge.



- Participants that conceived and developed interesting ideas **could receive further company awards** (for instance: payed internship or being involved with the company staff in the development of the conceived ideas).

Challenge example - Manuthon 2019: Mandelli



MANUTHON

mandelli

Ministero dello Sviluppo Economico

FONDO PER LA CRESCITA SOSTENIBILE
BANDO MISE
NUMERO DI PROGETTO: F/070055/00/X34

SUSTAINABLE GROWTH FUNDS
MISE ANNOUNCEMENT
PROJECT NUMBER : F/070055/00/

2017-2020 TO

Studio e sviluppo di innovazioni destinate a migliorare le caratteristiche e le prestazioni delle macchine utensili a controllo numerico (CNC) e dei materiali ad elevata tenacità (Titanio).

Study and development of innovations aimed at improving the characteristics and performance of numerical control (CNC) machine tools and hard materials (Titanium and Inconel).

SPARK-4.C

Good morning, I'm Saverio Gellini the CEO of Mandelli Sistemi, a company that produces machine tools since 1932. Mandelli is specialized on 5 axis machine tools suitable for aerospace and high-precision industries.

<https://www.youtube.com/watch?v=6UuY9iBSULw>

Challenge example - Manuthon 2019: Cosberg



<https://www.youtube.com/watch?v=X6Kz16PwSjs>

Preparatory workshops

To whom it may concern, preparatory workshop will be arranged. It will be possible to attend the workshop in streaming. These workshops will help preparing the participant to the competition.

(additional information will be available at the website www.manuthon.it).



Location 2022

Politecnico di Torino

Technical School
for engineers



1859

Italian Industrial
Museum



1862

Duca delgi Abruzzi
campus opening



1958

150 anni di
"Polytecnic Culture"

2009

1861



Unification of Italy

1906



royal
Politecnico di Torino

1991



Beginning of
transformation
into a
Polytechnic
Citadel

Today



2022 Location

Engineering Faculty

Duca degli
Abruzzi
Campus

Cittadella
Politecnica

CITADEL
DESIGN
OF AND
SUSTAINABLE
MOBILITY

Mirafiori

School of
Architecture

Main campus
Lingotto

TORINO

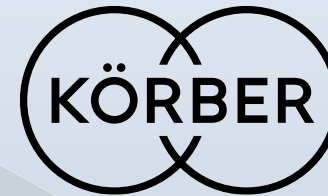


20th -21th May 2022

Inserire qui il logo

Manuthon 2022: Involved companies

- > Cosberg Innovation
- > Körber Tissue
- > Danieli
- > BLM



- 20/05/2022
- 8.30: registration starts
- 11.00 Presentation of ManuThon rules and challenges**
- Competition starts: 13:15 (20/05/2022)
- Competition ends: 13:15 (21/05/2022) (**24 hours**).
- During the competition, food and beverage will be provided



- 13:50 – 17:00 (21/05/2022) **Projects presentation**
- 17:20 (21/05/2022) **Projects evaluation and award ceremony**



If you want to know more...
If you want to keep up to date...
If you want to send your application...



Visit the website:
www.manuthon.it

Facebook profile:

Manuthon – Manufacturing Hackathon