RAISE'2025

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RAISE 2025
International Summer School on Robotics and Artificial Intelligence in Systems Engineering

14-16 July 2025, CRNS - Sfax, Tunisia

https://raiseschool.github.io/RAISE2025/

The International summer school RAISE 2025 is an intensive three-day focused on cutting-edge robotics and artificial intelligence technologies in systems engineering. The program combines theoretical knowledge with hands-on workshops and a competitive challenge.

ROS
Practical workshops on Robot Operating System and hands-on implementation.

AI Technologies
Deep dive into Generative AI, Computer Vision, and Large Language Models.

Competition
Put your skills to the test in the RAISE robotics competition with attractive prizes.

International RAISE Competition

The international RAISE 2025 competition aims to foster innovation and practical skills in robotics and AI. Teams will compete in three different tracks with attractive prizes for winners.

- **Track 1: Autonomous Robot :** Design a robot that can follow a 10-meter black path (5cm wide) autonomously with maximum speed and precision.

- **Track 2: Industrial Robot :** Build a robot capable of carrying a 5cm³ box and following a black path for 10 meters without dropping the payload.

- **Track 3: Agriculture Robot :** Develop a robot that can read QR codes with a camera and perform specified actions (FORWARD, BACKWARD, etc.) along a 10-meter path.