



CAROUSEL WEEK

2nd - 6th March 2026

Creating and Collaborating

The Carousel Week programme features several activities in electrical engineering. You will be part of a team of students from Malta, France, and Italy.

The Project



Efficient water management is crucial for farmers, especially in regions where water resources are limited or unpredictable. Traditional irrigation methods can lead to overwatering or underwatering, both of which can harm crops and waste valuable resources. Our project addresses this challenge by developing an intelligent soil moisture monitoring system that optimizes irrigation.

By using a system of sensors and valves, you will create a system that measures soil moisture levels in real time and automatically adjusts irrigation schedules to ensure crops receive the right amount of water when needed. This not only offers the potential to conserve water but also boosts crop health and yields, making farming more efficient and sustainable.

Your solution should be designed to be user-friendly and affordable, providing farmers with a smart way to manage their resources and improve productivity.

Prerequisite: basic programming skills

Discover a succesful European partnership

You will have the opportunity to visit companies with long-standing presence in Malta and internationally. These visits will demonstrate what can be accomplishment through team work in Europe and beyond.



Programme

Monday

11:00 Campus orientation
12:00 Opening of Carousel Week - Dean of Faculty
12:30 Lunch
14:00 Workshop in Creativity
18:00 Walking tour of Valletta

Tuesday

09:00 Visit to Methode Electronics
12:00 Lunch at San Anton Gardens
14:00 Visit to ST Microelectronics | AquaBioTech
18:00 Walking tour of Mdina

Wednesday & Thursday

08:30 Team project work
12:00 Lunch break
13:00 Team project work
18:00 Social event

Friday

08:30 Team presentation preparation
12:00 Lunch
13:00 Carousel week closure
13:30 Optional tour to Haġar Qim

Two, two-hour online sessions, one before and one after the physical mobility will be held. Dates and times will be communicated.

Accommodation

We recommend staying at Campus Hub, conveniently located right on the University's Msida campus. Shared rooms are available at a rate of €259 for the, offering comfortable and affordable accommodation. You'll be close to all essential amenities, including a supermarket, restaurants, cafeterias, and a pharmacy, ensuring you have everything you need during your stay.

Reaching Campus Hub from the Malta International Airport is simple—just take public transport via routes X1 or X2, and you'll arrive at the University in approximately 30 minutes. Experience a comfortable stay with easy access to campus and the surrounding area!

See <https://www.publictransport.com.mt/> for more information on public transport

Further Information

The **Republic of Malta** is an archipelago of islands located in the centre of the Mediterranean sea. It enjoys a rich and diverse cultural history dating back to around **5900BC** when the islands are first believed to have been inhabited.

Malta has two official languages: **Maltese** and **English**.

Malta is expected to enjoy nice spring weather in March, with average temperatures of 14C and around eight hours of sunshine a day. There is around 50% chance of rainfall in March, so do bring an umbrella or a rain-coat with you.

Malta uses **3-pin, Type G** electricity sockets so remember to bring suitable adaptors with you.

Driving in Malta is on the left side of the road.

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