

# Software Defined Radio Workshop



If you want to learn more about Software Defined Radio (SDR) and wireless communications, where these are used and how they work, attend this 3 hours hands-on workshop where experts from Analog Devices will introduce you into Radio Frequency devices through practical examples.

## When & Where?

- ▶ 13 May 2022, 12:00pm
- ▶ UTCN, 26-28 Baritiu Street, Room 41

## Who can attend?

- ▶ Students from all years of study are welcome but we recommend this for years 3,4 and masters

## What will be presented?

- ▶ Introduction to Software Defined Radio, where it is used, how it works
- ▶ Overview of the ADALM-Pluto wireless communication device
- ▶ What is GNU Radio and how it can be used with SDR Devices
- ▶ Hands-on activities including instructor led demos where you'll get a chance to use GNU Radio and ADALM-Pluto SDR to create RF applications and even your own FM Radio

## What will you get out of it?

- ▶ An understating of what a Software Defined Radio device is and its applications
- ▶ How software and hardware is designed and developed in a professional environment
- ▶ 3 students will win the demo systems from the workshop to take home and use for their projects

## How to attend?

- ▶ To attend the workshop please register using this form: <https://1lyqfts96vn.typeform.com/to/vyuacFua>
- ▶ **Please bring your laptop to the workshop, you'll need it for the hands-on sections**

