

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?

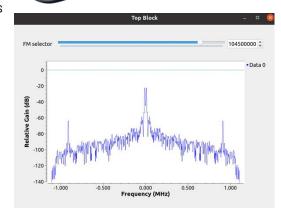
▶ Students from all years of study are welcome but we recommend this for years 3,4 and masters

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://1lygfts96vn.typeform.com/to/vyuacFua
- Please bring your laptop to the workshop, you'll need it for the hands-on sections











