

# 3D Machine Vision Workshop

If you want to learn more about 3D vision sensors and how they are changing the game in robotics and AR/VR applications come and attend this 3 hours hands-on workshop where experts from Analog Devices will introduce you into 3D Time of Flight (ToF) technology through practical examples.

## When & Where?

- ▶ 5 May 2022, 4:00pm
- ▶ UTCN, 26-28 Baritiu Street, Room F14

## 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 into the 3D Time of Flight technology and AI machine vision applications
- ▶ Overview of available ToF hardware platforms and their high-level design
- ▶ Overview of ToF software stacks and integration with industry standard software platforms such as OpenCV, MATLAB and Robot Operating System
- ▶ Hands-on activities including instructor led demos where you'll get a chance to play with ToF cameras

## What will you get out of it?

- ▶ An understating of what 3D ToF is and how it can be integrated into different 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://1ygfts96vn.typeform.com/to/vyuacFua>
- ▶ **Please bring your laptop to the workshop, you'll need it for the hands-on sections**

