

UPV: Universidad Politécnic de Valencia

## Monday

- Overview and objectives
- Project presentations
- Introduction to App Inventor 2 framework

## Tuesday

- Auxilliary support tools
- Geopositioning concepts (GPS and other sensors)
- App Inventor Framework
- Extensions

## Wednesday

- Database, connection and other PHP scripts to work with our server
- Google Maps API
- Workshop

## Thursday

- Workshop

## Friday

- Final Workshop
- Teams presentations
- Evaluation and Awards



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ICT Weeks. Valencia, July 2016  
"Mobile Apps for Android"



ICT Weeks. Valencia, July 2017  
"Mobile Apps for Android"



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# International ICT Week July 4-10, 2021

ETSIAMN - UPV

## Mobile Apps for Android with MIT App Inventor 2

*Fast visual development with  
media, GPS and databases*



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## Who we are?

The UPV ranks as the first technical university from Spain among some of the best in the world, according to the Shanghai ranking.

The UPV has been awarded the *Campus de Excelencia Internacional* seal twice.

The UPV community is made up of over 41.000 people. Of these, more than 36.000 are students, 2.843 are members of the teaching and research staff and 2.396 are administrative and services staff. UPV is composed of 13 schools.

## Where are we located?

The UPV campus is located in the middle of the Mediterranean coast of Spain and in the north part of a tourist enclave, Valencia, between the city and the “huerta”, Valencia’s local orchards. The beach is less than 1 km.

## How to reach the campus?

By bus, tube, tram and by our extended bicycle network system ([www.valenbisi.es](http://www.valenbisi.es)).

Our campus is 10 km away from the Valencia airport.

“Learn how to quickly develop Apps for your Android device in an easy and visual way, with no prior knowledge of Android programming required.

Merge lots of technologies together in the same project: mobile devices, GPS, databases, web services, PHP, media...

Improve your relational and intercultural skills.

Enjoy your experience in our international Valencia.”



## Description of the project

This five-day international training course aims to improve key skills on 2<sup>nd</sup> and 3<sup>rd</sup> year ICT students. Participants will develop their own mobile apps and work on prototypes, managing visual programming and Google/MIT tools within an international setting.

## Course Goals

To develop a project for Android devices that will send geo-localized information and media to a database server. This information will be displayed in a web using Google Maps API.

## Accommodation for students

You will be staying at Damia Bonet Student Dorm, <https://www.resa.es/en/> located next to our campus .

## Registration for students

Registration fee: 450€ includes 6 nights with breakfast (arrival Sunday, departure on Saturday) and 5 meals. Buddy program and social activities are also included.

Early bird registration deadline: October 31<sup>st</sup> 2020. Please note: late applicants will need to book their accommodation independently. Final deadline: November 30<sup>th</sup> 2020.

## Cancellation Policy:

In case of UPV cancellation, course fee will be reimbursed. Participants may cancel up to 30 days prior to the course start. No possible reimbursement if later

