

# Communication Systems Intern

## ■ Description:

The internship will be focused on the application and modelling of Digital Signal Processing and Data Transmission techniques (modulation, coding, filtering, RF impairment correction, multi-user access, MAC scheduling, etc) to optimize and develop algorithms and DSP blocks that can be found in PHY and MAC layers of wireless communication systems such as 802.11be (Wifi7).

The intern will be trained and mentored by one of the members of the Communication Systems team in the Valencia site. He will become part of an experienced team and will be able to attend design reviews and technical discussions to have a first-hand view of how a high-tech company works.

## ■ Internship:

**Location: Paterna**

**Working hours: 8 hrs (flexible)**

Duration: 6 - 9 months

Comp: 1200 EU/months

Can you make your Master/Bachelor Thesis: Yes

Potential new hire: Yes

## ● Profile:

### Computer Skills

- MATLAB
- Object oriented programming (i.e. C++)
- C

### Abilities

- Interest in Signal Processing algorithms and/or Communication Systems (wired and/or wireless)
- Eager to learn and solve problems
- Good mathematical background