# How open wireless testbeds can help you to develop more robust wireless solutions

**Thursday October 29ᵗʰ, 2015 -  imec, Leuven, Belgium**

Final public workshop of the FP7 CREW project
Co-organizers: Wireless Community & FP7 Fed4FIRE

**CREW**  •  **Wireless Community**  •  **FED4FIRE**

## Scope

Wireless solutions often experience reduced performance , due to inefficient spectrum usage, competition with other wireless solutions or due to interference. More intelligent configurations based on the cognitive radio concept can boost wireless performance. This workshop will  show what cognitive radio is, and showcase experiments on existing open test-beds. Additionally it will be illustrated what shared spectrum access and dynamic spectrum access are.

## Featured topics

▶ problems and challenges in existing and next generation wireless networks (5G and beyond)
▶ common pitfalls when developing wireless solutions
▶ testimonies from industry
▶ how to use wireless spectrum more efficiently?

## Featured speakers

▶ Ingrid Moerman, iMinds
▶ Mikolaj Chwalisz, TU Berlin
▶ Brecht Vermeulen, Fed4FIRE
▶ Jorge Pereira, EC
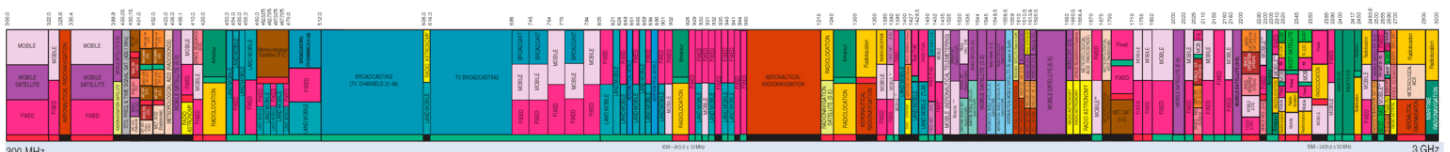▶ Speakers from industry

## Hands on: Learn how to

▶ get access to a remote wireless testbed
▶ set up and run a wireless experiment
▶ test and evaluate wireless solutions

## Guided demo tour

▶ spectrum wars hackathon
▶ cognitive radio demos

**More info**:    www.crew-project.eu, http://www.fed4fire.eu/
**Code examples**: https://github.com/WirelessTestbedsAcademy

300 MHz          3 GHz

European
Commission

**Register at** http://www.wirelesscommunity.be/work-meetings/
19th-work-meeting-experimental-facilities-for-robust-wireless-solutions/