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READY FOR:



OPEN IDEAS



x1 CHALLENGE

Researchers

Innovators

3 / 6  
months

A NGI initiative



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 825183.

Partners





## CHALLENGE #1 - UW-5G-01

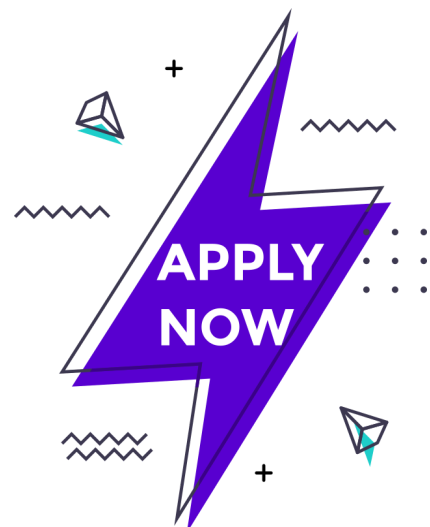
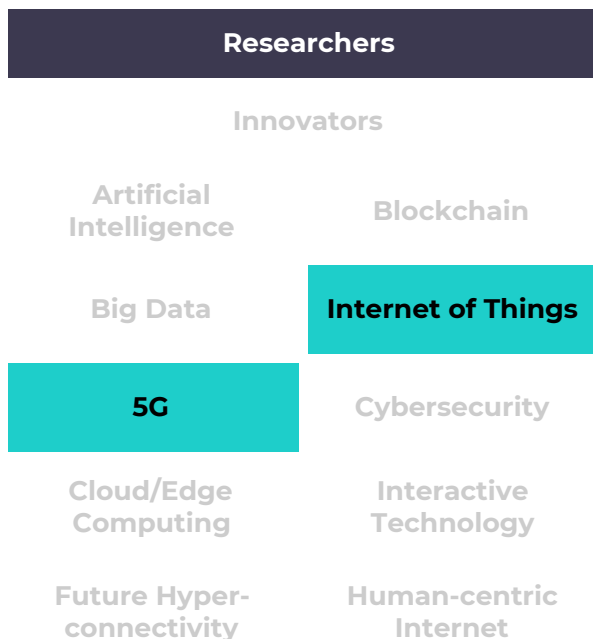
### → 5G Network Simulation and Test-Bed Integration

#### GOALS

1. Strengthen the position of open source network simulator ns-3 as the simulator of choice for 5G wireless network simulations.
2. Seek better alignment of ns-3 (in emulation mode) with experiments on wireless network test-beds (e.g. support for trace driven simulations and direct code execution).

#### SKILLS REQUIRED

1. Familiarity with ns-3, C/C++ and scripting (Python, Bash Shell).
2. ns-3 interfacing with HW test-bed, Software Defined networking.
3. Research Experience in a 5G technology area, knowledge on emerging standards.



**→ READ THE GUIDELINES**