Orca

Orchestration and
Reconfiguration
Control Architecture

SECOND OPEN CALL for experiments

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ORCA

2nd OPEN CALL for experiments

This Open Call targets advanced end-to-end networking experiments involving advanced real-time software defined radio (SDR) platforms, encouraging the use of the following specific ORCA functionality:

- → mmWave operation in 28 and 60 GHZ bands
- → inband full-duplex solution
- → massive MIMO indoor testbed with 2x32 antenna array
- → wideband multi-channel Listen Before Talk SDR solution
- → integration of SDR with SDN for end-to-end slicing of core network and RAN
- → integration of SDR with NS-3 platform for RAT interworking solutions
- → integration of PHY digital processing and MAC supporting low latency operation

CALL BUDGET: 350'000€

Max. budget/experiment: 50'000€. **Expected n° of experiments to be funded:** 3 scientific excellence experiments + 4 experiments by industry

CALL WILL OPEN ON MONDAY 10 SEPTEMBER 2018

STAY TUNED ON OUR WEBSITE!

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