



Orchestration and
Reconfiguration
Control Architecture

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CALL**
D for experiments



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3rd Open Call for experiments

An ORCA experiment should encompass all of the following:

- End-to-end communication between applications
- Runtime orchestration of the wireless network (e.g., reconfiguration, resource provisioning, adaption to dynamic context)
- Use at least one ORCA functionality defined in the call document
- Validate in ORCA test facility

The defined experiment should cover at least one of the following subjects:

- Integration wireless & wired network segments
- Differentiated QoS support through virtualisation/slicing
- Strategies for coordination/cooperation between multiple RATs
- Massive MIMO operation
- mmWave operation
- Full-duplex communication
- New waveforms
- Live reprogramming of SDR devices

CALL DETAILS

- **Submission deadline of draft proposal for feasibility and relevance check:** Sunday 25th August 2019
- **Submission deadline:** Friday 30th August 2019
- **Notification of results:** Beginning of October 2019
- **Funding:** Max 50,000 €/experiment (we expect to fund 3 scientific excellence experiments + 4 experiments by industry)



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