



Orchestration and  
Reconfiguration  
Control Architecture

# 2nd OPEN CALL For extensions

Expecting to fund at least 4 extensions up to 75,000 € each

Submission deadline 30<sup>th</sup> May 2018



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Control Architecture

# 2nd OPEN CALL For extensions

This call focuses on the development of missing functionalities to extend the ORCA software and hardware platforms. In particular, this call targets:

→ **Partial reprogramming of FPGA on SDR at runtime**

→ **Polar Codes for FPGA**

→ **Interfaces for 5G and LTE interworking**

→ **Dynamic runtime composition of mmWave transceiver chains consisting of processing functions that are split between FPGA and CPU**

## CALL DETAILS

→ **Submission deadline of draft proposal to the ORCA partner acting as Patron for Feasibility and Relevance check:** Wednesday 21th May 2018

→ **Submission deadline:** Wednesday 30th May 2018

→ **Notification of results:** End June 2018

→ **Funding:** Max 75,000 € per extension (we expect to fund at least 4 extensions)



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groups/8589461



The ORCA project is funded by the European Horizon 2020 Programme under grant agreement N° 732174

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