

# 21st International Conference on Computing in High Energy and Nuclear Physics (CHEP2015)



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## FPGAs go wireless

We present a feasibility study of a RF transmitters and modulators based on parametric softcores fully embedded in a general purpose FPGA fabric, without using external components.

This architecture aims at providing wireless physical layers to I-o-T and NFC protocols with programmable hardware.

We show preliminary results with latest generation 7-series XILINX FPGA.

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