

**PROJECT / Coherent detection and advanced
digital signal processing techniques for
broadband and quantum secure optical
communication systems**

COHERENTINUOUS

Main Objective:

This project will explore innovative coherent detection schemes along with advanced digital signal processing techniques for high-speed optical communication systems and secure quantum optical communications. The accomplishment of such investigation will include both theoretical and numerical analyses, supported by experimental work.

Reference: DL/57 – FCT, Funding: FCT, IT/LA, Start Date: 01-01-2018

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