



Sample Project: High speed optical data transfer for high energy physics experiments

Code	PH1356
Programme	FCT
Department	PH
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Date Created	12-MAY-10
Date updated	19-JUN-15

Title

High speed optical data transfer for high energy physics experiments

Description

Study and evaluation of high speed optical data transmission systems for high energy physics experiments. The candidate will develop test benches and procedures for 10Gbps and above data rates, and will characterize devices and systems developed in-house or sourced from commercial suppliers. He/she will investigate in particular low power designs, low footprint packages and resistance to harsh environments.

Skills

Disciplines

Applied Physics, Electronic Engineering

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