talentgal

Engineering & Technology

Design of photonic integrated circuits for communications

Description

Research on development of integrated photonics devices for highly constrained optical communications, in underwater and free-space settings.

Infrastructures

State-of-the-arte equipment for experimental implementation and testing: software bundles for component and circuit simulation in RF and optical domains, optical sources, optical and electrical analyzers (vector network, spectrum, oscilloscopes), PIC characterization system.

Keywords

Design III-V | Semiconductors | Integrated Photonics | Lasers | Simulation | Testing

CIGUS Network Research Centres of the Galician University System

Co-funded by the European Union

Fondos Europeos

GALICIA CALIDADE

Xacobeo 2027