

Department:

R&D

Start date

ASAP

Workplace:

Lannion - France

Type of contract:

6 months internship

Description:

Ekinops is a leading provider of open and fully interoperable Layer 1, 2 and 3 solutions to service providers around the world.

The internship subject will be to characterize new generation of 400G coherent CFP2-DCO.

- EVB bring-up
- Optical characterization (Osnr, Rx sensitivity, transmission spectrum, modulation, etc.)
- Line mode characterization (@ baud rate, QPSK, 8QAM, 16QAM)
- Wavelength dependences
- Main parameters variation during thermal tests
- Line modes interoperability between two different sources
- High speed electrical interfaces characterization (56Gps @28Gbd/PAM4)
- Automation optical measurements with Python script.
- Final test report (of different sources).

Education

Engineering

Additional abilities

- Good English and comfortable in an international environment

Contact : hr@ekinops.com