



Research Engineer Positions in WDM transmission

Huawei Paris Research Centre

The Optical Communication Technology Lab of the Huawei Paris Research Centre is seeking strong candidates for permanent research positions in the area of WDM optical communications and other optical applications, to be filled as soon as possible.

The research will aim at innovation in the design of WDM optical communications and hardware implementation, and is performed in teams spanning across multiple international Huawei research sites.

Main responsibilities:

- Research and innovation in the area of WDM optical communications and other optical applications;
- High capacity and wide optical bandwidth WDM Lab demonstration.
- Advanced modeling design, analysis, simulation and digital signal processing;
- Generation of intellectual property and patent filing;
- Collaboration with other business units for exploitation of research outputs;
- Contribute to the creative and innovative atmosphere at the Huawei Paris Research Centre.
- Publications in top journals and conferences

Required qualification:

- Ph.D. degree in WDM optical communications;
- Solid knowledge of optical communication and digital signal processing;
- Ability to conduct independent research while also contributing to team-oriented projects;

This will support your start in our team:

- Familiarity with Python, and other simulation tools;
- Familiarity with model implementation, complexity evaluation, and optimization for complexity, latency, power consumption;
- Expertise in optical communications, WDM transmission and fiber nonlinearities;
- Track record of publications (OFC/ECOC conferences, PTL/JLT/Optics Express journals), or patents;
- Strong oral and written communication skills.

Interested?

Please send your application per email to:

yann.frignac@huawei.com

About Huawei:

Huawei's vision is to enrich life through communication. We are a fast growing, leading global ICT solutions provider. With our three business units Carrier, Enterprise and Consumer, we offer network infrastructure, cloud computing solution and devices such as smart phones and tablet PCs.

Paris Research Centre (PRC) performs strategic research and cutting edge development for Huawei.