

Post-doctoral position in optical telecommunication for quantum cryptography

Tue, 2020-07-28 15:35 - [ICFO - The Institute of Photonic Sciences](#) [1] **At:** ICFO - The Institute of Photonic Sciences

Deadline: 28 September, 2020

Location

Avenue Carl Friedrich Gauss, 3
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The **Optoelectronics Group**, led by **Prof. Dr. Valerio Pruneri**, at ICFO is offering a Post-doctoral position to a well-qualified, highly motivated and dynamic young individual who wishes to enhance his/her scientific career in a friendly and stimulating environment.

The successful candidate will work on our project related to [Continuous Variable Quantum Communication \(CiVIO\)](#) within the [Quantum Flagship programme](#). This project seeks for developing QKD systems that can be readily integrated into modern optical networks to secure communication between different nodes.

ELIGIBILITY AND CONDITIONS

- Candidates must hold an internationally-recognized Ph.D.-equivalent degree (or evidence of its completion in the nearest future) preferably in physics, telecommunication engineering or electronic engineering.
- Experience in theoretical and/or experimental optical telecommunications is required.
- The selected candidate will be offered a position based on his/her expertise.
- The selected candidate will strongly benefit from close collaboration with other scientist working in areas such as quantum optics and digital electronics. In addition, the project has a close collaboration with others academic institutions and partner enterprises.

ICFO is an equal employment opportunity employer. Candidates are selected exclusively on merit and potential on the basis of submitted application material. No restrictions of persons with disabilities, citizenship or gender apply to ICFO positions. ICFO abides by the principles of openness, efficiency, transparency, supportiveness, and international comparability as stated in the European Charter for Researchers and the European Code of Conduct for the Recruitment of Researchers.

The contract is offered for periods of one year, renewable for a total of up to 2 years.

APPLICATION PROCEDURE

The formal application should be submitted online via <http://jobs.icfo.eu/?detail=470> [2].

Suitable candidates are requested to submit:

- Presentation letter with a declaration of interest

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- Curriculum Vitae, including contact details
- The contact e-mail of two potential referees.

Candidates may contact [jobs \[at\] icfo \[dot\] eu](mailto:jobs@icfo.eu) for informal enquiries regarding the application, as well as address scientific enquiries to [valerio \[dot\] pruneri \[at\] icfo \[dot\] eu](mailto:valerio.pruneri@icfo.eu)

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For updated information about ICFO, please visit <http://www.icfo.eu/> [3]

- [Postdoc](#) [4]

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