

## Post-doctoral position in Monolithic UVA sources

Wed, 2019-01-30 14:01 - [ICFO - The Institute of Photonic Sciences](#) [1] **At:** ICFO-The Institute of Photonic Sciences

**Deadline:** 15 March, 2019

### Location

Avenue Carl Friedrich Gauss, 3  
Castelldefels 08860 Spain

### **DESCRIPTION**

ICFO-The Institute of Photonic Science is offering a postdoctoral position to a well-qualified, highly motivated and dynamic young scientist who wishes to enhance his/her scientific career in a friendly and stimulating environment.

The successful candidate will be joining the **Atomic Quantum Optics group** led by **Prof. Dr. Morgan Mitchell**. The group has recently demonstrated monolithic nonlinear-optical frequency converters for UVA generation and quantum optical applications, with unique properties such as self-tuning to resonance (see references below). We are looking for a post-doctoral researcher or research engineer to advance this technology toward applications, e.g. as a robust and compact source of UVA to excite fluorescent biomarkers for flow cytometry.

### **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 or engineering.

The candidate should have demonstrated ability in experimental nonlinear optics, laser physics, quantum optics, or related fields.

No restrictions of citizenship apply to the ICFO post-doctoral contracts.

The contract is offered for periods of one year, renewable.

### **APPLICATION PROCEDURE**

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

Suitable candidates are requested to submit:

- Presentation letter with a declaration of interest,
- Curriculum Vitae, including contact details,
- Scanned copies of the complete (Bachelor and Master equivalent) official academic transcripts in English or Spanish,
- The contact e-mail of two potential referees.

Candidates should be willing to be contacted by phone during the selection process. 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 [morgan\[dot\]mitchell\[at\]icfo\[dot\]eu](mailto:morgan.mitchell@icfo.eu). For updated information about ICFO, please visit <http://www.icfo.eu> [3]

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### **DEADLINES**

2019-03-15

- [Postdoc](#) [4]

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### **Links:**

[1] <http://qurope.eu/users/icfojobs>

[2] <http://jobs.icfo.eu>

[3] <http://www.icfo.eu/>

[4] <http://qurope.eu/db/jobs/type/postdoc>