



Oxford Lasers Ltd



18 Month Marie-Curie PostDoctoral Fellowship in Laser Microprocessing

FP7-PEOPLE-2012-IAPP

Marie Curie Industry-Academia Partnerships and Pathways (IAPP)

**“Laser Digital Micro-Nano fabrication for Organic Electronics and
Sensor applications” (Project LaserMicroFab)**

In the framework of the FP7 IAPP Marie Curie project "LaserMicroFab, Laser Digital Micro-Nano fabrication for Organic Electronics and Sensor applications", an 18 months Postdoctoral position opening is offered at Oxford Lasers Ltd, Didcot, UK.

Criteria for eligibility: (a) Nationality: all nationalities eligible, (b) Mobility: at the time of recruitment, the newly recruited researcher must have NOT resided or carried out his/her main activity in the country of the beneficiary (UNITED KINGDOM) for a total duration of 12 months or more in the 3 years immediately prior to his/her recruitment under the project. Compulsory national service and/or short stays such as holidays are not taken into account. To be eligible, the newly recruited researcher must be an experienced researcher who at the time of recruitment was not a staff member researcher at Oxford Lasers.

LaserMicroFab is a 48-month duration FP7 IAPP Marie Curie project funded by the European Commission. The project start date was 01 March 2013. The main activities relating to this post-doctoral position will be

- Laser thin film patterning with emphasis on laser beam shaping technology
- Laser micro-printing (LIFT)
- Laser micro-sintering of conductive materials





Oxford Lasers Ltd



Required skills:

- A PhD in Natural Sciences, Physics, Optics, Materials Science, Engineering or four (4) years equivalent research experience.
- Excellent oral communication, technical writing skills in English
- Ability to work independently with self-discipline
- Proactive problem-solving skills – problem ownership, working in teams, work to deadlines,

Essential skills/Desirable technical expertise:

- Lasers, optics, laser-material processing, sample characterisation (optical, confocal, interference microscopy, SEM, electrical characterisation). Any additional expertise in laser-beam shaping for micromachining would be highly advantageous.

Duration: 18 months

Preferred start date: October 2014

Location: Oxford Lasers Ltd, Unit 8 Moorbrook Park, Didcot OX11 7HP, United Kingdom,
<http://www.oxfordlasers.com>

Salary Rate: Marie-Curie rate for Experienced Researchers apply. EU funded Living and Mobility Allowances corrected for UK. For further details see workprogramme FP7 Marie Curie 2012, ec.europa.eu/research/mariecurieactions/documents/documentation/legal-docs/m-wp-201201_en.pdf

Contact person: Dr Dimitris Karnakis, Technical Manager – R&D Projects

Please email: [jobs1\[at\]oxfordlasers.com](mailto:jobs1[at]oxfordlasers.com)

The applicants should also submit their CV including list of publications and two reference letters at the project website, <http://lasermicrofab.ntua.gr/>

Project website: <http://lasermicrofab.ntua.gr/>

