



The Rince Institute
Researching Innovative Engineering Technologies
Dublin City University, Ireland



Research Centre
Post Title

The Rince Institute
Postdoctoral Researcher
Photonics

Level on Framework
Post Duration

Level 1
Up to 16 Months

Background & Role

The Rince Institute was established in October 1999, and is a national centre for excellence in Information and Communications Technology (ICT) based in the School of Electronic Engineering at Dublin City University. The institute has over 100 staff collaborating on a wide variety of research projects.

The Radio and Optical Communications Laboratory is one of the key laboratories within RINCE, and its main goal is to focus on the design, simulation, characterisation and demonstration of new technologies for future photonics communication systems. It is seeking to recruit a highly motivated Postdoctoral Researcher to undertake leading edge research in the area of millimetre wave signal generation by semiconductor lasers.

The successful applicant will join a multidisciplinary institute to work in liaison with current researchers on:

- Undertaking leading edge research in the domains of photonic systems, and opto-electronics
- Identifying and developing future research and funding initiatives
- Working alongside and supervising PhD students working in this area

As part of this role the researcher will be required to participate in the DCU Research Career Framework. This framework is designed to provide significant professional development opportunities to Researchers and offer the best opportunities in terms of a wider career path. This role is aligned to Level 1 of the Research Career Framework. For further details regarding the DCU Research Career Framework please refer to www.dcu.ie

Minimum Criteria

Applicants should have a PhD in Optics, Photonics, High speed electronics or related area. In addition, it is desirable that the candidate has 1-2 years experience in one or more of the following domains:

- Detailed characterisation of optoelectronics devices
- Semiconductor laser simulation.
- Detailed characterisation of radio frequency devices
- Instrumentation and data acquisition from RF and/or optical instruments

Salary: €37,750 - €46,255

Closing date: 9th December 2011

Application Procedure

Informal enquiries to:

Dr. Pascal Landais, DCU, Dublin 9 E-mail: landaisp@eeng.dcu.ie Phone: +353 (0)1 700 8044

Application forms are available from:

www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 700 5149; Fax: +353 (0)1 700 5500; Email: hr.applications@dcu.ie

Email the completed application form, together with your CV, to: hr.applications@dcu.ie

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