



National Centre for Plasma Science & Technology

POSTDOCTORAL RESEARCHER

Fixed Term contract up to 24 months

Postdoctoral researcher in diagnostics for atmospheric pressure plasmas for application to plasma in-pack disinfectant technology.

The National Centre for Plasma Science & Technology (NCPST) is the only Irish National Centre for plasma related research (<http://www.ncpst.ie>). It is a multidisciplinary centre bringing together scientists and engineers to address both fundamental and applied questions relating to the advancement and development of plasma related research for the benefit of both industry and society, locally and internationally.

A consortium of 12 partners including Research Institutions (RTD), SME's, SME Associations and end-user enterprises has received three-year funding from the EC, under the FP7 Research for the benefit of SME's programme, to develop and implement a new technology for the in-pack disinfection of fresh produce. The core disinfection agent at the heart of this technology is atmospheric plasma.

Based in the laboratories of the NCPST, a researcher at the postdoctoral level is needed to investigate the structure and dynamics of the plasma and the relationship between the plasma parameters and the disinfection efficacy. The successful candidate will hold a Phd in physics or electrical engineering and ideally be an experimentalist with previous experience in the field of atmospheric pressure plasma diagnostics. This will be reflected in the publication record of the candidate.

Developing and fostering the interaction between DCU and other Research and SME partners is a key element for the successful development of the technology within the given time frame of the project and a key element of this position. Excellent communication skills and the ability to work effectively in a consortium involving non-specialists will also be essential attributes of the successful candidate.

Salary: €37,750 - €41,181

This salary scale may be affected by the provisions of the 2011 Budget.

Closing date for receipt of applications: 28th October 2011

Informal enquiries to:

Dr Jean-Paul Mosnier, email: jean-paul.mosnier@dcu.ie

Application Procedure:

Candidates should submit a completed DCU Application Form along with their CV to email: hr.applications@dcu.ie

Application forms are available at:

www.dcu.ie/vacancies/APPLICATION_FORM_8pg.doc and from the Human Resources Department, Dublin City University, Dublin 9. Tel: +353 (0)1 7005149; Fax: +353 (0)1 700 5500; Email: hr.applications@dcu.ie

Dublin City University is an equal opportunities employer.