



National Hellenic Research Foundation
Theoretical and Physical Chemistry Institute



MARIE CURIE FELLOWSHIP FOR TRANSFER OF KNOWLEDGE (TOK)

Applications are invited for a Research Fellow position in the project “Nanostructured Materials with Nonlinear Optical Properties” (NANONLO), funded by the European Commission in the framework of the Marie Curie Host Fellowships for Transfer of Knowledge (TOK) programme. The project will be implemented at the Theoretical and Physical Chemistry Institute (TPCI) of the National Hellenic Research Foundation (NHRF), Athens, Greece (<http://www.eie.gr>).

The NANONLO project aims at developing novel materials with non-linear optical (NLO) properties including glasses, glass-ceramics and organic-inorganic hybrids suitable for photonics applications. In parallel, new competences will be developed at TPCI for post-synthesis treatment of materials by thermal poling techniques and for characterisation of the second-order NLO properties. Aspects of the project involve collaboration with the Institut de la Matière Condensée de Bordeaux, CNRS and the Laboratoire de Physico-Chimie Molleculaire, University of Bordeaux, France.

The applicants should be experienced researchers (4-10 years) in glass chemistry and in the evaluation and characterization of non-linear optical properties of materials, while experience in infrared and Raman spectroscopy is desirable. To be eligible, the applicants should fulfil the criteria for Marie Curie Fellows. For eligibility criteria see: Handbook (p. 26) at http://ec.europa.eu/research/fp6/mariecurie-actions/action/knowledge_en.html.

The Research Fellow appointment will be for a period of one year, with the possibility of extension for another year subject to performance. The financial contribution to the Research Fellowship will be at the standard rates for Marie Curie Fellowships (see Work Programme, p. 55, at: http://ec.europa.eu/research/fp6/mariecurie-actions/pdf/wp_feb2006_en.pdf).

The Theoretical and Physical Chemistry Institute of NHRF is an equal opportunity employer.

Applications including at least a full CV should be addressed to:

Dr. E.I. Kamitsos

Theoretical and Physical Chemistry Institute

National Hellenic Research Foundation

48 Vas. Constantinou Ave.; Athens 116 35, Greece.

E-mail: eikam@eie.gr; Tel.: +30-210-7273828; Fax: +30-210-7273794.

Deadline for applications: 30/7/2006.