

POST-DOCTORAL SCIENTIST POSITION AT IOM-CNR PERUGIA, ITALY

(expression of interest)

Supramolecular changes in living cells

We are seeking a highly motivated postdoctoral researcher to join our team in the lab of Raman and Brillouin spectroscopy at the CNR-IOM Institute, Unit of Perugia, National Research Council, Perugia, Italy.



The focus of the lab is the vibrational spectroscopy analysis in soft matter. In particular, the Post doc position is activated in collaboration with the CNR Institute of Biophysics Trento in the framework of Project MaDEleNA and it will be focalized on the study of neuron-like cell models adhering to different surfaces. Due to the strong interaction with different groups especially in Italy and the interdisciplinary character of the project autonomy, flexibility, the ability to work in a multidisciplinary team are essential requisites.

The ideal candidate must have proven experience in vibrational spectroscopy and a scientific background in biophysics. In addition, molecular biology, bio-photonics, Brillouin spectroscopy, imaging skills and ability in the statistical data treatment are desirable. A Ph.D. thesis with a biophysics character could constitute a preferential title.

The position will start in the spring of 2016 with a duration of one year. The competition announcement, salary and benefit will follow the CNR guidelines.

The IOM-CNR Perugia Unit (<https://www.iom.cnr.it/>) provides an attractive environment for both young and established researchers thanks to the synergy with Dipartimento di Fisica e Geologia (<http://www.fisgeo.unipg.it/>), which hosts our institute.

The requested interaction between physicists, biologists and biotechnologists will make the present post-doc position an opportunity for a challenging and stimulant job.

Interested candidates should send a CV with a list of publications including names and addresses of 2-3 references to:

Dr. Silvia Caponi, Consiglio Nazionale delle Ricerche, Istituto Officina dei Materiali (IOM-CNR), Via Pascoli, 06100 Perugia - Italy, e-mail: silvia.caponi@cnr.it
or

Dr. Carlo Musio, Consiglio Nazionale delle Ricerche, Istituto Biofisica (IBF-CNR), Trento, carlo.musio@cnr.it