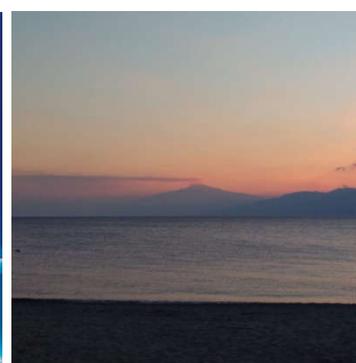
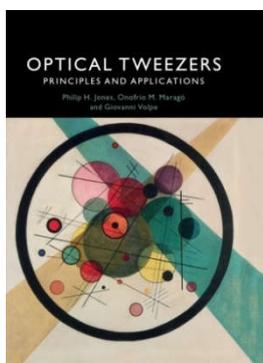




Istituto per i Processi Chimico-Fisici

Sede di Messina



Phd “Marie Skłodowska-Curie” position (Early Stage Researcher) - Active Matter & Optical Tweezers

CNR-IPCF Messina (Italy)

Join the Nano-Soft Lab at CNR-IPCF Messina to work on Optical Tweezers (topic of the Nobel Prize 2018) applied to “Active Matter” within the ITN project “Active Matter: From Fundamental Science to Technological Applications”.

We are looking for a student to work on “**Fabrication of elongated nanoswimmers and their motion in optical landscapes**” and more generally on optical trapping (experiments and theory) of active colloidal particles, starting in **Spring 2020**. The candidate will have preferably a Master degree in Physics or closely related discipline such as Engineering or Chemistry. The successful candidate will be trained in experimental and computational methods in optical tweezers and soft active matter physics. Previous experience with experimental and computational methods in these fields will be considered a plus.

In order to be approved for MSCA financing the applicants, at the time for the application, *should not have resided in Italy more than 12 months in the 3 years immediately prior to the reference date*. Moreover the applicants must be *in the first four years (full-time equivalent research experience) of their research careers and have not been awarded a doctoral degree*.

The salary is very competitive (living allowance 3413.88 Euros, mobility allowance 600 Euros, optional family allowance). We are happy to consider CV of interested applicants and receive **Expression of Interest** and **queries** at our emails:

Dr. Onofrio M. Maragò

Email: onofrio.marago@cnr.it

Dr. Maria Antonia Iati

Email: mariaantonia.iati@cnr.it