



## National Center for Scientific Research "Demokritos"

Institute of Materials Science

Electron Microscopy Lab

Patriarchou Grigoriou & Neapoleos Str., Ag. Paraskevi, 15310 Athens, Greece

### *Temporary research position in Transmission Electron Microscopy*

#### Job Description

The Electron Microscopy Lab of the National Center for Scientific Research "Demokritos" invites researchers (ER according to Marie Curie Action rules, see below) for a temporary position in the field of Transmission Electron Microscopy of metallic and semiconducting nanostructures grown on various substrates with applications in electronics, optoelectronics and sensors. The position has a duration of 18 months starting 1/3/2009 and is related to the new IAAP Marie-Curie project: "Nanosource: A metallic and semiconducting nanoparticle source for electronic and optoelectronic applications" FP7-PEOPLE-2007-3-1-IAPP.

Highly motivated and qualified candidates with solid academic background, good track record and experimental experience are encouraged to submit. Positions are open to candidates from around the world with the following limitations:

- (i) Greek Nationalities are only allowed if they have resided and carried out their main activity in a non-Member State or in a non-Associated Country for at least three of the last four years immediately prior to their appointment.
- (ii) At the time of appointment, the researcher may not have resided or carried out his/her main activity in Greece, for more than 12 months in the 3 years immediately prior to his/her appointment. Short stays such as holidays are not taken into account
- (iii) The candidate should be classified as experienced researcher (ER), according to Marie Curie Action rules, i.e. she/he must have a doctoral degree (PhD) or must proof at least 4 (but not more than 10 years) of research activity after gaining a degree qualifying her/him for doctoral studies.

#### Required experience/skills

Experience in TEM characterization of materials is mandatory. Experience in EELS and/or SEM/AFM techniques is desirable.

#### Benefits

- Working in the biggest interdisciplinary research center in Greece.
- Highly competitive salary (defined by the general EU Marie Curie terms: [cordis.europa.eu/fp7/dc/index.cfm?fuseaction=usersite.FP7DetailsCallPage&CALL\\_ID=121](http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=usersite.FP7DetailsCallPage&CALL_ID=121) "Information package => work programme")
- Mobility and travel allowance paid.

The evaluation criteria will be principally based on the scientific quality of the candidates, in accordance to the requirements of the project. Equal opportunities are guaranteed to both female and male candidates.

Please send a detailed CV with recent photo, a presentation letter with declaration of interest and recommendation letters

Contact details:

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