

Istituto Nazionale di Ottica
BEC Center
CNR - National Research Council of Italy
Via Sommarive n. 14 – 38123 Povo (TN)
Tel. 0461-882017

Please note: This English translation is provided for informational purposes only, and has no official or legal value.

The original (in Italian, with detailed legalities) is available at

<http://www.ino.it/Main/Novita/DettaglioLavoro.php?passo=ASS%20INO%20013%202010%20TN>

For help regarding the details of the position please email:

beatrice.ricci@ino.it

The National Institute of Optics in Trento is accepting applications for a post-doc position in the field of " Interferometry with quantum gases focusing on the creation of spin squeezing and entanglement in view of the realization of interferometrical devices with sensitivity beyond the classical limit.

The position will be awarded for 12 months, subject to yearly renewal according to the relevant regulations, with a gross yearly salary of €19.367, paid in twelve monthly installments.

The successful candidate will be chosen through a process of interview (30%) and consideration of all relevant qualifications (70%) including, degrees and awards obtained, postgraduate activity, scientific activity and publications etc.

The position is not compatible with any other type of scholarship awarded by CNR, universities or other research institutes, other than such as may be required to complete the research program abroad. Successful candidates may attend taught PhD courses which are not remunerated.

Requirements:

- a) Ph.D in Physics or equivalent
- b) experience in the field of interferometry with quantum gases with applications to precision measurements, in particular creation of spin squeezing e entanglement in view of the realization of interferometrical devices with sensitivity beyond the classical limit.
- c) Good written and spoken English

How to apply:

The application form for the position is available at

<http://www.ino.it/Main/Novita/DettaglioLavoro.php?passo=ASS%20INO%20013%202010%20TN> and should be accurately completed and either directly presented or sent by registered post with confirmation of receipt to:

Istituto Nazionale di Ottica – CNR
UOS BEC Center
Via Sommarive 14
38123 Povo (TN)
Italy

on or before the 24th September 2010. Late or incomplete applications cannot be considered.

The application MUST include the following documents:

- a) Academic qualifications with a "Statement of equal value" (dichiarazione di valore) issued by an official Italian embassy
- b) Certificate of equivalence of academic qualification, or receipt of request for same, issued by the Italian Ministry of Education and Research (MIUR)
- c) Curriculum Vitae detailing scientific and professional activity

- d) All other documents and qualifications which the candidate wishes to bring to the attention of the examining board
 - e) List of publications
 - f) List of all documents presented with the application
- IMPORTANT: The application form must be carefully and fully completed.

Please contact Beatrice Ricci (beatrice.ricci@ino.it) for further information.

Interviews will be held on the 8th of October 2010 from 11:00, at the National Institute of Optics – BEC Center – Via Sommarive n. 14, 38123 Povo(TN).
In case of date change for the interview, candidates will be informed.

Foreign candidates wishing to apply for the position, may formally request to be interviewed in videoconference. Those wishing to do this must send an email to beatrice.ricci@ino.it before the deadline above, detailing the motivation for the request.

The email must also specify the name, telephone number and email address of an official (e.g. Lecturer, Professor, Senior Researcher etc) of a University or Research center, who will certify the candidate's identity.

Candidate's wishing to have the sent documents back, have to send a formal request to the director within six months from the official appointment of the position.