ABSTRACT OF VACANCY CALL IOM AR 009/2018 TS

DESCRIPTION OF PROGRAM:
The successful candidates will contribute to the development of the NFFA_SPRINT facility and of the NFFA_cluster of growth and characterization. Moreover, they will be asked to contribute to the characterization and setup of the high harmonic generation HHG source based on the PHAROS-laser setup, developed by CNR_IOM, and of the kerr characterization cluster of the NFFA_trieste facility.

POSITION A): she/he will work on the study of electronic and magnetic properties (both static and ultrafast) of ferromagnetic/ferroelectric interfaces and on the development of magnetic spectroscopy experiments with microfocus (also at large scale facilities) and optical magnetic switching.

POSITION B): she/he will work on the study of electronic and magnetic properties (both static and ultrafast) of low dimensional ferromagnetic systems, transition metal di-chalcogenides and their interfaces, by means of synchrotron-based techniques and laser sources.

RESEARCH AREA: Physics – Condensed Matter Properties

RESEARCH THEME: Analysis of the electronic and magnetic properties of low dimensional systems (epitaxial oxides, anomalous metals, bi-dimensional diluted magnetic systems), growth by molecular beam epitaxy (MBE) and Pulsed Laser Deposition (PLD), characterization of magnetic proximity effects in heterostructures by means of electron spectroscopies with synchrotron radiation and/or laser-based photoemission.

CONTRACT OF TWO YEARS RENEWABLE. YEARLY GROSS REMUNERATION: € 32.000,00

QUALIFICATIONS AND EXPERIENCE REQUIRED FOR POSITION A):

- PhD in Physics or Material Science or Condensed Matter Physics or related disciplines;
- A minimum of three years experience post-PhD;
- Knowledge and experience of chemisorption techniques and interfaces with metals;
- Experience of scanning probe microscopy/spectroscopy;
- Experience in electric/magnetic characterization of magnetic interfaces and thin films;
- Experience of spectroscopic techniques in UHV (ultra High Vacuum);
- Experience in Laser induced magnetization switching;
- Good level of English.

QUALIFICATIONS AND EXPERIENCE REQUIRED FOR POSITION B):

- PhD in Physics or Material Science or Condensed Matter Physics or related disciplines;
- A minimum of three years experience post-PhD;
- Knowledge and experience of the growth techniques molecular beam epitaxy (MBE) and pulsed laser deposition (PLD).
Experience of growth of epitaxial interfaces of thin films of topological insulators and/or chalcogenides on crystalline semiconductor surfaces and/or metallic surfaces with MBE technique.

Experience in growth and electric/magnetic characterization of diluted magnetic systems, ferromagnet/ferroelectric interfaces, and multiferroic systems.

Experience of spectroscopic techniques in UHV (ultra High Vacuum)

Good level of English.

**DEADLINE FOR APPLICATIONS: 30/11/2018**

The application as PDF files should be sent by e-mail to iom.recruitment@iom.cnr.it to Institute CNR IOM using annexes A, B and C of this call.

Candidates can apply for only one position put forward (under penalty of exclusion) choosing between position A) or position B) and must indicate this choice in the application form (Annex 1)

**TYPE OF SELECTION:** the submitted applications will be evaluated by CNR. A reserve list of accepted applications will be set up. These candidates will be invited for an interview that it will held on 15/1/2019 at 3,00 pm, at the Institute IOM of CNR - Area Science Park Basovizza – Strada Statale 14 Km 163,5 – 34149 Trieste (Italy).

It is possible to do the interview by videoconference, upon candidate request in written form sent with the application form. By request the candidate must declare all the information to make the connection. During the connection the candidate has to show a valid identity document.

For any information please contact: iom.recruitment@iom.cnr.it or supporto.reclutamento@spin.cnr.it
Vacancy Call N. IOM AR 009/2018 TS
Position __________________________ (mark the position chosen between A or B)

I wish to apply for Vacancy n. IOM AR 009/2018 TS – Position ……
In connection with my application and in according to Italian Law provisions (ex art. 22, L.240 30/12/2010). I hereby declare that:

(Name)________________________ (Surname/Maiden name)________________________

Gender ___ (M/F) (place of birth) ____________________ (date of birth) ____________

(country of citizenship) __________________________(country of residence) __________________________

(mailing address) __________________________________________________________________________

I declare that the following information is truthful and current:

1) my citizenship is: ____________________

2) I hold the ______________________ (to specify the matter) degree on _____________(date) at the __________________________(name of university) with the following marks __________________

3) I hold a PhD degree on _____________ (to specify the matter) __________________________( date) at the __________________________(name of university) with the following marks __________________

4) I have not been convicted of any criminal offence and I have no pending commitments with civilian or military institutions (if any, please specify)

5) I have/have not had any fellowship/research grant from 29/1/2011 to _____________ and /or had fixed-term contract with ___________ for a period of time ___________ (Only Italian contract)

Please find enclose (as pdf files):

If you are from EU country or living in EU

1) Curriculum vitae (dated and signed on each page) under declaration ex art. 46 and 47 Italian Law DPR 445/2000, using annex B,

2) degree certificate, final marks and marks of all examinations and the length of the degree courses

3) Copy of Passport,
4) Other documents relevant for the vacancy call and non available on the network (i.e. technical reports, monographs, chapters of book, patents).

If you are from extra EU country:

1) degree certificate, final marks and marks of all examinations;

2) PhD degree;

3) Curriculum vitae (dated and signed);

4) Lists of publications dated and signed;

5) Copy of Passport,

6) Other documents relevant for the vacancy call and non available on the network (i.e. technical reports, monographs, chapters of book, patents).

I am interesting to have a videoconference interview (specify the type of software you would like to use), my username/ID is: _______________________________. During the connection I will show my valid identity document.

Please forward any communications regarding this application to the following mailing address:

Full address_________________________________________________________

Email address_________________________________________________________

Telephone number___________________________

Fax number__________________________________________________________

Under my personal responsibility, I declare that the reported information is truthful and current

Place and date ________________________ Signature _______________________

(a) or self-certification, according to current legislation and according to the schedule set out in Annex B to this notice of selection. If the qualification was obtained abroad, must be submitted documentation that proves the equivalence with a title released in Italy, according to art. 3, point c) of this notice.
FACSIMILE

ANNEX B

SELF CERTIFICATION
(Article 46 of DPR 445/2000)

SELF EXECUTED AFFIDAVIT
(Art. 19, 38 and 47 of DPR 445/2000)

The undersigned:

SURNAME ______________________________________________________
(For woman indicate the maiden name)

NAME ___________________________________________________________

ITALIAN TAX CODE _______________________________________________ (if it is known)

PLACE OF BIRTH __________________________________________________

DATE OF BIRTH _________________

NATIONALITY: __________________________________________________

GENDER M/F

CURRENTLY RESIDENT IN __________________________

ADDRESS ______________________________________________________

TELEPHONE _______________________________ ________________________

EMAIL: ______________________________________________________

under his/her responsibility and aware that false declarations will be persecuted by the
Italian Law and special laws DECLARES that the Curriculum vitae et studiorum, with the
information about the scientific production, herewith attached tells the truth

CURRICULUM VITAE ET STUDIORUM

- Education and training (dates, Title of qualification awarded, principal subjects/occupational skills
covered, name and type of organisation providing education and training, Level in national or
international classification)

1 The affidavits of the notary must be accompanied by a photocopy of a document of
identity of the subscriber.
• Work experiences (i.e. dates/occupation or position held/main activities and responsibilities/name and address of employer/type of business or sector / reference number)
• Personal skills and competences (languages, social skills and competences, organisational skills and competences, computer skills and competences)
• Publications: Papers, patents, technical reports, monographs, books etc
• Any other activities, task or assignment (dates, qualification awarded, principal subjects/occupational skills covered, name and type of organisation providing education and training, Level in national or international classification)

Please add separate entries for each relevant course you have completed, starting from the most recent

Example:

Description …………………..
Date……………………… Reference number…………………
Period: From ………………… to………………

Place and date_______________________           Signature_________________________________

(*) Ex art. 15, paragraph 1, Italian Law 12/11/2011, n. 183 all declaration realised from Public body about status, personal quality and declarable act are effective/valid and usable just between private individual. Between relation with Public body and Public service manger, the declaration are always replaced with self declaration or self executed affidavit ex art. 46 and 47 of Italian DPR 445/2000

Please Note:

1) date and sign all the pages of the self declaration.
2) please attach a photocopy of a current document of identity of the subscriber.
3) CNR, under the law D.P.R. 445 of 28/12/2000 art. 71 and as consequence of art. 75 and 76, and following amendment and integration of law, may check the truthfulness of the self-certification.
4) The law about self certification apply to Italian and European citizen.
5) the Non EU citizen, resident in Italy, can use the self certification ex art. 46 et 47 of D.P.R. 445 of 28.12.2000 only for the status and personal quality certifiable only by Italian public bodies, except for special provisions of immigration and foreigner status law and regulations.

For all other non-Eu citizens, resident in Italy, they can use self declarations just in case an agreement between Italy and the declaring home country is in force.

(*) Ex art. 15, paragraph 1, Italian Law 12/11/2011, n. 183 all declaration realised from Public body about status, personal quality and declarable act are effective/valid and usable just between private individual. Between relation with Public body and Public service manger, the declaration are always replaced with self declaration or self executed affidavit ex art. 46 and 47 of Italian DPR 445/2000

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For all other non-Eu citizens, resident in Italy, they can use self declarations just in case an agreement between Italy and the declaring home country is in force.
ANNEX C


INFORMATIVA SUL TRATTAMENTO DEI DATI PERSONALI RESA
AI SENSI DELL’ART. 13 DEL REGOLAMENTO UE 2016/679

Ai sensi dell’art. 13 del predetto Regolamento, La informiamo che:

1. I suoi dati personali verranno trattati per le seguenti finalità: svolgimento della procedura selettiva, compreso l’eventuale utilizzo di graduatorie e per il successivo eventuale conferimento dell’assegno, per l’esecuzione dei compiti di interesse pubblico o comunque connessi all’esercizio dei pubblici poteri affidati al Consiglio Nazionale delle Ricerche. I dati saranno trattati per il tempo necessario alla selezione e, in caso di conferimento dell’assegno, per tutto il periodo in cui intercorre il rapporto instaurato con il titolare dell’assegno e, successivamente alla cessazione, per l’eventuale adempimento di obblighi di legge in conformità alle norme vigenti sulla conservazione degli atti amministrativi.

2. I dati verranno trattati in forma digitale ed analogica, con modalità di organizzazione ed elaborazione correlate alle finalità sopra indicate e, comunque, in modo da garantirne la sicurezza e la riservatezza.

3. Il conferimento dei dati è obbligatorio per l’espletamento della procedura selettiva; l’eventuale rifiuto di fornire tali dati comporta la mancata possibilità di partecipazione alla procedura stessa.

4. Possono venire a conoscenza dei dati in questione, per il conseguimento delle finalità sopra indicate, il Direttore/Dirigente della Struttura che ha emanato l’avviso di selezione, il responsabile del procedimento, il personale incaricato della gestione delle diverse fasi del procedimento, i componenti della commissione esaminatrice e il segretario.

5. Il Titolare del trattamento è: il Consiglio Nazionale delle Ricerche – Piazzale Aldo Moro n. 7 – 00185 Roma PEC: protocollo-ammcen@pec.cnr.it, il cui punto di contatto è indicato nell’articolo 10 dell’avviso di selezione, rubricato “Trattamento dei dati personali”.

6. I dati di contatto del Responsabile della protezione dei dati sono: E-mail: rpd@cnr.it; PEC: protocollo-ammcen@pec.cnr.it presso il Consiglio Nazionale delle Ricerche – Piazzale Aldo Moro n. 7 – 00185 Roma.

7. La graduatoria finale di merito verrà pubblicata con le modalità indicate nell’art. 7 del bando di selezione, rubricato “Modalità di selezione e graduatoria”.

8. Saranno altresì diffusi sul sito web del CNR nella sezione “Amministrazione Trasparente” ai sensi e per gli effetti dell’art. 15 comma 1, del D. Lgs. n. 33/2013, le seguenti informazioni del candidato vincitore: a) gli estremi dell’atto di conferimento dell’assegno; b) il curriculum vitae presentato dal candidato; c) i compensi, comunque denominati, relativi all’assegno di ricerca.

9. Al termine della procedura selettiva, nei limiti pertinenti le finalità sopra indicate, i dati del candidato potranno essere comunicati a soggetti terzi, in conformità agli obblighi previsti da leggi, regolamenti, normativa nazionale e comunitaria, nonché da disposizioni impartite da autorità a ciò legittimate da organi di vigilanza e di controllo, ai sensi dell’art. 6 del Reg. UE 2016/679.

10. In qualità di interessato, il candidato ha il diritto di chiedere al Titolare l’accesso ai dati personali che lo riguardano nonché di esercitare i diritti di cui agli articoli 15 e seguenti del Regolamento (UE) 2016/679, tra cui richiedere la rettifica o la cancellazione degli stessi o la limitazione del trattamento o di opporsi al trattamento presentando apposita istanza al contatto di cui al precedente punto 5.

11. In qualità di interessato, ricorrendone i presupposti, il candidato può presentare reclamo al Garante per la protezione
The undersigned:

SURNAME ___________________________ (For woman indicate the maiden name) NAME ____________________________

PLACE OF BIRTH ___________________________ DATE ___________________________

OF BIRTH ___________________________ CURRENTLY RESIDENT IN ___________________________

ADDRESS _______________________________ for acknowledgment

Place and date ___________________________ Signature ___________________________