TO THE HEAD OF DEPARTMENT

OF INFORMATION ENGINEERING

**The undersigned**

|  |  |
| --- | --- |
| ***Surname*** | ***Name*** |
|  |  |
| ***Date of Birth*** | ***Place of Birth*** |
|  |  |

|  |  |  |
| --- | --- | --- |
| ***Home address*** | ***City*** | ***State*** |
|  |  |  |
| ***Postal Code*** | ***Telephone number*** | ***email*** |
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| --- | --- | --- |
| ***Mailing address for this selection procedure*** | ***City*** | ***State*** |
|  |  |  |
| ***Postal Code*** | ***Telephone number*** | ***email*** |
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| --- | --- |
| ***Skype contact*** | ***ORCID number*** |
|  |  |

***\*All fields are mandatory***

**APPLIES**

to be admitted to the selection procedure for research grant to support innovative and excellent research projects proposed by young independent researchers to be carried out at the Department of Information Engineering (DEI) in the following Scientific Sectors and Areas (SSD): ING-INF/01 Electronics; ING-INF/02 Electromagnetic fields; ING-INF/03 Telecommunications; ING-INF/04 Systems and control engineering; ING-INF/05 Information processing systems; ING-INF/06 Electronic and informatics bioengineering; ING-INF/07 Electric and electronic measurements; INF/01 Informatics; FIS/01 Experimental physics; FIS/03 Physics of matter; MAT/05 Mathematical analysis; MAT/09 Operational research.

**In accordance with Art. 46 and 47 of Italian Presidential Decree DPR 445/2000 he/she declares:**

* he/she has ……………………….nationality
* he/she has a Master’s degree (Diploma di Laurea) in ………………………………………………………… awarded on …………………………. by the University of ……………………………………….
* he/she has a PhD (Dottore di ricerca) in ………………………………………………………………………awarded on ………………………. by the University of ……………………………………….
* is not a permanent employee of universities, institutes and public research and experiment organisations, the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), the Italian Space Agency (ASI), the European University Institute, the Scuola Normale Superiore di Pisa, the Scuola Superiore di studi universitari e di perfezionamento di Pisa, the Scuola internazionale superiore di studi avanzati di Trieste, and the other Italian post-graduate schools that provide the equivalent of doctoral researcher courses;
* he/she is an employee of Italy’s public administration yes □ no □

if you ticked ‘yes’:

* + - you have applied for unpaid leave □
    - you are on unpaid leave □

from............... [name of Public Administration department] .................................................................. with headquarters in………..............................................................., starting from .......................................;

* he/she does not hold a grant other than ones that have been awarded by national or international organisations and involve trips abroad as part of the Grant Holder’s research;
* he/she has been awarded previous research grants by universities, public bodies, research or experiment organisations (Italian Law 240/2010) yes □ no □;
  + - if you ticked ‘yes’, the research grant lasted .................. months and was awarded by the University of ....................................................;
* he/she is not enrolled in a Medical Specialisation School (Scuola di Specializzazione medica);
* he/she is not enrolled in a Degree course (Laurea), or a Specialisation degree (Laurea Specialistica/Magistrale);
* he/she has no relationship conjugacy or is not related and does not have an affinity, up to and including the fourth degree of kinship, to a professor working in the department or centre where the research is based, or to the Rector, Director General, or a member of the university’s Board of Governors;

The undersigned hereby states that he/she will inform the University of Padova should the aforementioned information change in any way during the validity of the research grant agreement with the University of Padova.

In accordance with the Legislative Decree nr. 196 dated 30 June 2003, it is hereby stated that any data provided, in print or electronic format, shall be kept and handled by the University of Padova for the purposes of this announcement and of the ensuing relationship with the University, strictly for the period of the grant.

Date, Signature

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**Attachments (to be provided in electronic format on a suitable support):**

* copies of qualifications and list
* a maximum number of 10 publications, provided in PDF format and listed separately
* photocopy of a valid ID document
* Annex 1 – Self-certification of admission requirements for the selection
* Annex 2 - scientific-professional curriculum vitae
* Annex 3 - research project
* Annex 4 - list of names, contact details and contact e-mail addresses of at least two contacts the Selection Committee may decide to contact to provide a letter of introduction for the candidate.

**Notes:**

European citizens may self-certify their academic and professional qualifications. Publications may be presented as originals or as copies with a statutory declaration in accordance with DPR 445/2000.

Non-European citizens may present their original qualifications, authenticated copies thereof, or copies that have been declared to comply with the original. Non-European citizens may submit statutory declarations, as if they were European citizens, should they have to provide evidence of statuses, information and personal qualities that can be certified or attested to by Italy’s Public Administration, or should a self-certification be envisaged by international conventions between Italy and the candidate’s country of origin.

**Annex 1 – SELF-CERTIFICATION OF ADMISSION REQUIREMENTS FOR THE SELECTION**

1. DOCTORAL DEGREE IN ­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ AWARDED BY\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ON \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. POST-DOC ACTIVITIES (MIN 24 MONTHS)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *FROM*  *(date)* | *TO*  *(date)* | *INSTITUTION* | *SUPERVISOR* | *TYPE OF POSITION* |
|  |  |  |  |  |
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1. THREE REPRESENTATIVE JOURNAL PAPERS indexed in WoS/SCOPUS, HAVING THE CANDIDATE AS FIRST/MAIN AUTHOR PUBLISHED IN THE FIRST QUARTILE OF ANY JCR/Scimago CATEGORIES (for journal rank see: https://jcr.incites.thomsonreuters.com/ or <http://www.scimagojr.com/>) (for the classification of a given paper, the most favorable of the two data bases can be used)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *TITLE and AUTHORS* | *YEAR* | *JOURNAL NAME, Issue, pages* | *CITED BY and SOURCE (report number of citations and related source, WoS/Scopus)* | *RANKED Q1 IN*  *(JCR OR Scimago)* | *CATEGORY*  *(JCR OR Scimago)* |
| *Example: Applying a brain-computer interface to support motor imagery practice in people with stroke for upper limb recovery: A feasibility study Prasad, G.,* ***Herman, P.****, Coyle, D., McDonough, S., Crosbie, J.* | *2010* | *Journal of NeuroEngineering and Rehabilitation*  *7(1),60* | *128 (Scopus)* | *Scimago* | *Medicine:*  *Rehabilitation* |
|  |  |  |  |  |  |
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1. ONE REPRESENTATIVE JOURNAL PAPER WITH SIGNIFICANT INDIVIDUAL CONTRIBUTION AND WITHOUT THE PhD SUPERVISOR AMONG THE AUTHORS

|  |  |  |  |
| --- | --- | --- | --- |
| *REFERENCES (TITLE, AUTHORS,)* | *YEAR* | *SOURCE (JOURNAL NAME, Issue, pages)* | *INDIVIDUAL CONTRIBUTION OF THE CANDIDATE* |
| *Example: Nested theta to gamma oscillations and precise spatiotemporal firing during memory retrieval in a simulated attractor network Herman, P.A., Lundqvist, M., Lansner, A.* | *2013* | *Brain Research 1536, pp. 68-87* | *Invention of the original algorithm. Design and performance of the implementation. Data analysis. Writing of paper.* |

1. ACHIEVEMENT OF THE MINIMUM THRESHOLD IN THE REFERENCE SSD, FOR AT LEAST 2 OF THE 3 INDICATORS DEFINED IN APPENDIX 1 OF THE SELECTION ANNOUNCEMENT.

|  |  |  |  |
| --- | --- | --- | --- |
| *REFERENCE SSD* | *INDICATOR 1 (WoS or SCOPUS)*  *NUMBER OF ARTICLES SINCE 2013* | *INDICATOR 2 (WoS or SCOPUS)*  *NUMBER OF CITATIONS SINCE 2008* | *INDICATOR 3 (WoS or SCOPUS)*  *H-INDEX SINCE 2008* |
|  |  |  |  |

1. POSSESSION OF AT LEAST 1 OF THE FOLLOWING 3 REQUIREMENTS:

6.1 PARTICIPATION IN ACTIVITIES FUNDED BY NATIONAL/INTERNATIONAL COMPETITIVE SELECTIONS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *PROJECT TITLE* | *FUNDING SOURCE* | *PROJECT BUDGET (EUROS)* | *PERIOD* | *ROLE OF THE CANDIDATE* |
|  |  |  |  |  |
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6.2 INVITED TALKS AT INTERNATIONAL SCIENTIFIC CONFERENCES

|  |  |  |  |
| --- | --- | --- | --- |
| *CONFERENCE TITLE* | *TITLE OF THE TALK* | *VENUE* | *DATE* |
|  |  |  |  |
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6.3 AWARDS FOR SCIENTIFIC ACHIEVEMENTS, INCLUDING MEMBERSHIPS OF RENOWNED SCIENTIFIC SOCIETIES

|  |  |  |
| --- | --- | --- |
| *DESCRIPTION* | *DATE* | *GRANTED BY* |
|  |  |  |
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**Annex 2 – CURRICULUM VITAE**

* **EDUCATION**

200? PhD

Name of Faculty/ Department, Name of University/ Institution, Country Name of PhD Supervisor

199? Master

Name of Faculty/ Department, Name of University/ Institution, Country

* **CURRENT POSITION(S)**

201? – Current Position

Name of Faculty/ Department, Name of University/ Institution/ Country

200? – Current Position

Name of Faculty/ Department, Name of University/ Institution/ Country

* **PREVIOUS POSITIONS**

200? – 200? Position held

Name of Faculty/ Department, Name of University/ Institution/ Country

200? – 200? Position held

Name of Faculty/ Department, Name of University/ Institution/ Country

* **FELLOWSHIPS**

200? – 200? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

199? – 199? Scholarship, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

* **TEACHING ACTIVITIES (if applicable)**

200? – 200? Teaching position – Topic, Name of University/ Institution/ Country

200? – 200? Teaching position – Topic, Name of University/ Institution/ Country

* **ORGANISATION OF SCIENTIFIC MEETINGS (if applicable)**

201? Please specify your role and the name of event / Country

200? Please specify type of event / number of participants / Country

* **MAJOR COLLABORATIONS (if applicable)**

Name of collaborators, Topic, Name of Faculty/ Department/Centre, Name of University/ Institution/ Country

* **CAREER BREAKS (if applicable)**

Exact dates Please indicate the reason and the duration in months.

* **LIST OF PUBLICATIONS in WoS and/or Scopus**

Complete list of publications on the WoS and / or Scopus databases (short abstracts cannot be reported). For each publication, type (journal paper, conference paper, book, book chapter , ...) and number of WoS or Scopus citations at the date of the application submission (the value most favourable to the candidate can be reported), with source, must be indicated. The publications must be sorted by number of citations (descending order).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Document title and authors** | **Year** | **Journal/conference/book/…** | **# of citations**  **(cited by highest)** | **Source**  **(WoS or SCOPUS)** |
| *Applying a brain-computer interface to support motor imagery practice in people with stroke for upper limb recovery: A feasibility study Prasad, G.,* ***Herman, P.****, Coyle, D., McDonough, S., Crosbie, J.* | *2010* | *Journal of NeuroEngineering and Rehabilitation*  *7(1),60* | *128* | *Scopus* |
| *Comparative analysis of spectral approaches to feature extraction for EEG-based motor imagery classification* ***Herman, P.****, Prasad, G., McGinnity, T.M., Coyle, D. .* | *2008* | *IEEE Transactions on Neural Systems and Rehabilitation Engineering*  *16(4), pp. 317-326* | *107* | *Scopus* |
| *…* |  |  |  |  |
| *Design and On-line Evaluation of Type-2 Fuzzy Logic System-based Framework for Handling Uncertainties in BCI Classification* ***Herman, P****; Prasad, G; McGinnity, TM* | *2008* | *2008 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Vols 1-8* | *10* | *WoS* |
| *…* |  |  |  |  |
| *Designing a Robust Type-2 Fuzzy Logic Classifier for Non-stationary Systems with Application in Brain-Computer Interfacing*  ***Herman, P****; Prasad, G; McGinnity, TM* | *2008* | *IEEE International Conference on System, Man, and Cybernetics,* | *0* | *WoS* |

* **OTHER PUBLICATIONS (not available in WoS and/or Scopus)**
* **OTHER QUALIFICATIONS**

**Annex 3 - RESEARCH PROPOSAL**

**1. GENERAL INFORMATION**

|  |  |
| --- | --- |
| Title of the project |  |
| Principal Investigator |  |
| Duration (minimum 12, maximum 24 months) |  |

**2. ABSTRACT (max 4.000 characters)**

*The abstract (summary) should, at a glance, provide the reader with a clear understanding of the objectives of the research proposal and how they will be achieved.*

**3. RESEARCH ACTIVITY (max 16.000 characters)**

*[The Extended Synopsis should give a concise presentation of the scientific proposal, with particular attention to the ground-breaking nature of the research project and to the feasibility of the outlined scientific approach. Describe the proposed work in the context of the state of the art of the field. References to literature should also be included. Describe any potential weaknesses and actions to be implemented to strengthen the project proposal]*

**4. RESOURCES (max 10.000€ per year)**

*Resources exploitation plan*

**5. CONTACT PERSON**

*(Contact person for the project among the professors or researchers belonging to the Department)*

**Annex 4 - REFEREES CONTACT LIST**

Names, contact details and contact e-mail addresses of at least two contacts holding an official position (academic or other institutions or organizations) who may be required to write a letter of introduction for the candidate.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Nº*** | ***FIRST NAME*** | ***LAST NAME*** | ***POSITION*** | ***E-MAIL*** | ***AFFILIATION*** |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| # |  |  |  |  |  |
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