Research Grant
Bolsa de Investigação Científica (BIC)

SPARSIS – Sparse Modeling and Estimation of Motion Fields, refª PTDC/EEIPRO/0426/2014

The Instituto de Engenharia de Sistemas e Computadores, Investigação e Desenvolvimento em Lisboa (INESC-ID) Portugal is one of the largest and most dynamic research institutes in Portugal in the areas of Computing Systems and Communication Networks, Embedded Electronic Systems, Information and Decision Support Systems, Interactive Intelligent Systems and Energy Systems.

1 research grant of type *BIC* is now available in project **SPARSIS – Sparse Modeling and Estimation of Motion Fields, refª PTDC/EEIPRO/0426/2014** funded by FCT/MEC through national funds (PIDDAC), under the following conditions:

Duration

6 months, starting from *April 1, 2018.* The grant will not be renewed.

Legislation

A fellowship contract will be celebrated according to the "Regulations for Research Grants of the Foundation for Science and Technology" in force (http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf), the INESC ID Grant regulations approved by FCT, and to the Status of Scientific Research Fellow (Lei nº 40/2004 de 18 de Agosto, and its successive amendments).

Monthly amount

The monthly amount of the grant *€385* is in accordance with the values stipulated in the "Regulations for Research Grants of the Foundation for Science and Technology" in force (http://www.fct.pt/apoios/bolsas/docs/RegulamentoBolsasFCT2015.pdf) (http://www.fct.pt/apoios/bolsas/valores) and INESC-ID Lisboa Grant Regulations approved by FCT, and shall be rendered through a monthly bank transfer to an account held by the grantee.

Objectives / summary

Development of algorithms and software for recursive target tracking using adaptive predictors with continuous estimation in relation to the objectives of project SPARSIS.

Scientific supervision

The activity will be supervised by João Miranda Lemos, researcher at INESC-ID Lisboa. The grantee will be integrated at INESC-ID in the research group on Control of Dynamic Systems, http: http://ramses.inesc.pt/.

Required education Level and research experience

The candidate must be inscribed for the first time in an integrated master in Electrical and Computer Engineering.

Evaluation criteria

Academic record of the candidate (50%) and interest for the following areas of research (20%): Estimation for adaptive signal processing. **The Juri will call all the candidates for interview on March 23, 2018 at 9h30 in the premises of INESC-ID.** In order to perform a more objective evaluation of some of the criteria, the interview will count for 50% of the evaluation of each criteria above.

Language skills (English) will also be considered as criteria (30%). The candidates must provide evidence that they are able to communicate fluently in either Portuguese or English.

The jury will convene in **March 23, 2018** and is composed of

Name	Professional Status / Institution
João Manuel Lage de Miranda Lemos	Professor Catedrático / IST (UL), INESC-ID
Miguel José Simões Barão	Professor Auxiliar / Univ. Évora, INESC-ID
Jorge dos Santos Salvador Marques	Professor Associado / IST (L), ISR

Results

The final evaluation results will be publicized through an ordered list, and the candidates will be notified of the Jury decision by email.

Documents to be submitted
all applications should clearly state the reference of the project

1. detailed curriculum vitae
2. motivation letter
3. copy of official academic degree certificate
4. detailed list of grades
5. name of two personal references
6. copy of the enrolment in the Master Course in the current year (*cópia da inscrição no ano lectivo corrente*)

Application Dates

From March 9, 2018 to March 22, 2018

For further information and proposal submission, please contact

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