



CALL FOR ITMATI STAFF RECRUITMENT

JOB OFFER FOR SPECIFIC PROJECT OR SERVICE

PROJECT: Improvement of the remote expert system based on software OTEA (OTEAs).

JOB OFFER REFERENCE: ITMATI-OT-13/2017.

CALL: Recruitment within the framework of the [OTEAs](#) experiment awarded in the second call of the project *FORTISSIMO 2: Factories of the Future Resources, Technology, Infrastructure and Services for Simulation and Modelling 2* (Fortissimo-2 Call-2), which is funded under the European Community HORIZON 2020 Framework Programme

DESCRIPTION OF JOB POSITION: 1 full-time contract as researcher for the OTEAs experiment, funded under the Fortissimo-2 Call-2. Technological Institute for Industrial Mathematics (ITMATI) is part of the consortium involved in the experiment, which is coordinated by Ecomanagement Technology (ECOMT), an ICT company engaged in the implementation of energy efficiency solutions.

PRINCIPAL INVESTIGATOR: Dr Javier Roca Pardiñas, Associated Professor at the Universidade de Vigo, and affiliated researcher of ITMATI.

CANDIDATES PROFILE: Graduates, engineers, masters and doctors in Mathematics, Statistics, Physics, Computing or other related fields, with knowledge in statistical computing, data mining, Big Data and machine learning.

MERITS AND REQUIREMENTS TO BE ASSESSED:

- **Training and general experience to be assessed (40 points, all contributions must be documented).**
 - Academic transcript of degree, engineering, master and/or doctorate. Affinity of the candidates' degrees with Statistics and Operations Research field will be valued.
 - Previous experience in analysis and programming of mathematical and/or statistical algorithms.
 - Advanced knowledge and previous experience in the use of R and Python programming languages.
 - Advanced English proficiency.

Instituto Tecnológico
de Matemática Industrial

www.itmati.com

Edif. Instituto Investigaciones Tecnológicas, planta -1
Rúa de Constantino Candeira s/n
15782 Campus Vida / Santiago de Compostela
itmati@itmati.com | Telf.: +34 881 813 357



■ **Knowledge, and additional and specific experience to be assessed (35 points, all contributions must be documented).**

- Knowledge and previous experience in statistical computing, data mining, Big Data and machine learning.
- Knowledge and previous experience in processing of large databases: Hadoop, Spark, SparkR (R on Spark), Cassandra, etc.

■ **Personal interview (25 points).**

Candidates achieving the three best assessments according to the above criteria will be called to a personal interview.

CONDITIONS: A contract will be carried out for the specific project or service.

- Gross monthly salary: 1.710,00 € - 2.200 € in 12 payments, depending on the merits and experience of the candidate.
- Planned start date: October 2017, subject to the granting of funds to carry out the project.
- Planned end date: October 31th 2018, whenever the project availability allows.
- Full time position.

WORKS TO BE CARRIED OUT:

- Statistical analysis of data related to the project topics.
- Development and selection of the best predictive statistical models for the project objectives.
- Implementation of the selected models in the Big Data infrastructure to be developed under the project.

WORKPLACE: Faculty of Economics and Business Administration, Campus Lagoas-Marcosende of the Universidade de Vigo, Vigo (España).

SUBMISSION OF APPLICATIONS:

People interested in this contract must send their applications by September 18th, 2017 at 14:00h Madrid local time. Application should include a cover letter summarizing the applicant's career (general training and experience to be assessed, as well as additional merits referred to in the call), a curriculum (with mobile phone and email), and the academic title and transcript of degree, engineering, master and/or doctorate. If it deems it appropriate, candidates can also attach letters of recommendation to their application.

All documentation must be sent to the following email address itmati@itmati.com, indicating the job offer reference ITMATI-OT-13/2017 in the "subject" of the email. The receipt of requests will

Instituto Tecnológico
de Matemática Industrial

www.itmati.com

Edif. Instituto Investigaciones Tecnológicas, planta -1
Rúa de Constantino Candeira s/n
15782 Campus Vida / Santiago de Compostela
itmati@itmati.com | Telf.: +34 881 813 357



be confirmed by email.

EVALUATION COMMITTEE: Submitted applications will be evaluated by an Evaluation Committee appointed for the purpose of this call. The Evaluation Committee will be published at the end of the evaluation period jointly with the call resolution.

DEADLINES AND RESOLUTION:

Reception of applications: until September 18th, 2017 at 14:00h Madrid local time.

Evaluation of applications and personal interviews: from 18th to 22th September 2017.

Resolution of the call: September 2017.

WAITING LIST:

After the resolution of this call, candidates who have not been selected but meet the requirements laid down therein will automatically become part of a "waiting list" for this call in order of merit, according to the requirements established in the call. This "waiting list" will be published the same day as the resolution of the call, and will remain in force during the full project lifetime. If it deems it appropriate, the Evaluation Committee of this call may make use of the "waiting list" provided that any researcher leaves the project voluntarily, and for the entire project duration.

All information on this call, as well as its resolution, will be published on the ITMATI website: <http://www.itmati.com/>.

Peregrina Quintela Estévez
Director of ITMATI



Salida:

7 / 09 / 2017

Nº Registro:

171

Instituto Tecnológico
de Matemática Industrial

www.itmati.com

Edif. Instituto Investigaciones Tecnológicas, planta -1
Rúa de Constantino Candeira s/n
15782 Campus Vida / Santiago de Compostela
itmati@itmati.com | Telf.: +34 881 813 357

Sinatura dixital / Firma digital / Digital signature

Asinante/Firmante/Signer: PEREGRINA QUINTELA ESTEVEZ, NIF 36038289A, 07/09/2017 13:28:19.

CSV: 6907-F656-452D-82B9