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CALL FOR ITMATI STAFF RECRUITMENT

JOB OFFER FOR SPECIFIC PROJECT OR SERVICE

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

JOB OFFER REFERENCE: ITMATI-OT-08/2018.

CALL: Recruitment within the framework of the OTEAres experiment (<https://www.fortissimo-project.eu/experiments/904>) 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.

The Fortissimo 2 project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 680481.

DESCRIPTION OF JOB POSITION: 2 full-time contracts as researchers for the OTEAres 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

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- **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 selected according to the above criteria will be called to a personal interview. At least the three best rated candidates will be interviewed.

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.

CONDITIONS: Two contracts will be carried out for the specific project or service.

- Gross monthly salary: 1.750,00 € in 12 payments.
- Planned start date: June 2018.
- Planned end date: 13/09/2018, whenever the project availability allows.
- Full time position.

EVALUATION COMMITTEE: Submitted applications will be evaluated by an Evaluation Committee appointed for the purpose of this call. This committee will be composed of the principal investigator of the project (president), an affiliated researcher of ITMATI not belonging to the project research team, a representative of EcoMT, and the secretary who will be appointed by ITMATI. The Evaluation Committee will be published at the end of the evaluation period jointly with the call resolution.

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

SUBMISSION OF APPLICATIONS:

People interested in this contract must send their applications by June 13th, 2018 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.

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All documentation must be sent to the following email address itmati@itmati.com, indicating the job offer reference ITMATI-OT-08/2018 in the "subject" of the email. The receipt of requests will be confirmed by email.

DEADLINES AND RESOLUTION:

Reception of applications: until June 13th, 2018 at 14:00h Madrid local time.

Evaluation of applications and personal interviews: from 13th to 22th June 2018.

Resolution of the call: June 2018.

Selected candidate's planned start date: June 2018.

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:

06 / 06 / 2018

Nº Registro:

176

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Sinatura dixital / Firma digital / Digital signature

Asinante/Firmante/Signer: PEREGRINA QUINTELA ESTEVEZ, NIF 36038289A, 06/06/2018 17:13:37.

CSV: 0B08-2B0A-40B2-96C0