



**POLITÉCNICA**



UNIVERSIDAD POLITÉCNICA DE MADRID  
**ESCUELA TÉCNICA SUPERIOR DE  
INGENIEROS INDUSTRIALES**

DEPARTAMENTO DE INGENIERÍA DE ORGANIZACIÓN  
ADMINISTRACION DE EMPRESAS Y ESTADÍSTICA

Madrid, 24<sup>th</sup> June 2019

### **Scholarship announcement**

To whom it may concern,

The Engineering Management Department (DIOAEyE as it is written in Spanish) at the Universidad Politécnica de Madrid wants to announce two **one year lasting positions for research initiation** regarding the promising field of development of IoT devices connected to Lean production and management paradigm for the Industry 4.0.

**Such positions will be part time during all the academic course (4h/day)** as average, with some flexibility according to needs. The working place will be the ETSII/UPM (José Gutiérrez Abascal 2, 28006 Madrid).

We are seeking to appoint a young scientist (4<sup>th</sup> year of degree or master students) with interest in the application of probabilistic, statistical and data mining methods to industry 4.0 data and theory. While all areas of Machine learning will be considered, we are particularly interested in participants with experience in Linux operating system, python programming skills, as well as mongodb knowledge, or data mining and/or the analysis of time series arising from large data collections.

Interested candidates should send a CV (including publication list and or technical details) and a description of motivations and interests (max of 3 pages) to Prof. Joaquín Ordieres <j.ordieres@upm.es>. Specific interview, including some tests for better calibrating the knowledge are also foreseen.

Part of this work can become useful to be presented as Degree or Master Thesis, when valuable for the candidates.

The economic compensation, according to the UPM rules for the 20h/week will be 600 €/month. **Deadline for the application will be July 12, 2019.**



Fdo J. Ordieres  
Full Professor  
PMQ Research Team  
ETSII /UPM