UNIVERSIDAD DE BURGOS

CALL REQUIREMENTS

Call Title: Optimal decision-making in real time and under uncertainty for Digital Twins (OptiDit)

Gestión óptima en tiempo real y bajo incertidumbre para gemelos digitales (OptiDit)

Contact person: Daniel Sarabia Ortiz

Department: Electromechanical Engineering

Category: ☒ Researcher type R1 (R1a, R1b or R1c)

☐ Others

Workday: ☒ Full time

☐ Part time

Aim:

- Initial Study of the problem.
- To build dynamical models of wind turbines and wind farms.
- To define key performance indexes.
- Introduction to optimization.
- Model update and upkeep.
- Distributed optimization and to develop decomposition algorithms.
- To perform experiments and simulation tests of wind farms.

Requirements of the candidate:

- Bachelor's degree related to the topic of the project.

Duration: 24 months

Gross monthly remuneration:

Depending on the end of Bachelor's degree

- R1a (less than 3 years): 1436,00 €
- R1b (between 3 and 5 years): 1538,00 €
- R1c (more than 5 years): 1922,00 €

Application submission deadline: March 29, 2023

Documents to be provided:

- Identity document copy.
- Curriculum Vitae.
- Merits certificate.
- Copy of the bachelor's degree requested in the call.
- Academic certificate of the master’s degree.