



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 101007961.



## QUANTUM COMPUTING HACKATHON (HACOBU 2025) - AI AND CHANGING EDUCATION



**Friday May 10, 2025**



**University of Burgos  
Library**



**10:20 - 14:00 (CEST)**

**AI4LABOUR IS THE  
HORIZON 2020 MSCA-  
RISE EUROPEAN  
PROJECT: "RESHAPING  
LABOUR FORCE  
PARTICIPATION WITH  
ARTIFICIAL INTELLIGENCE"**

**#AI4LABOUR**



### **Javier Rodríguez Barcenilla**

Data Engineer  
ITCL Technology Centre



### **David De Miguel**

Data Analyst  
ITCL Technology Centre



### **Iago Xabier Vázquez**

Researcher in Artificial  
Intelligence  
ITCL Technology Centre



### **Alejandro Mata Ali**

Quantum Computing  
Coordinator  
ITCL Technology Centre



### **Nicolás Cea Porras**

Cybersecurity Engineer  
ITCL Technology Centre



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### **"Digital Paradigms (Outreach)" –**

**10:20** Javier Sedano, ITCL Technology Center

### **"High Performance Computing**

**10:40 (HPC)" –** Javier Rodríguez Barcenilla, ITCL Technology Centre

### **"Entrepreneurship" –**

**11:00** Javier Cuasante Pérez, Fundación Caja de Burgos

### **"Digital Twins" –**

**11:20** David De Miguel, ITCL Technology Centre

**11:40 Break**

### **"DIHBU Activities" –**

**12:00** Belén Lanuza, Digital Innovation Hub Industry 4.0

### **"Spiking Neural Networks (SNNs)"**

**12:20** – Iago Xabier Vázquez García, ITCL Technology Centre

### **"A Journey to the Future" –**

**12:40** (Pau) Doménech, Kumano Leadership

### **"Current Applications of AI" –**

**13:00** Álvaro Herrero, University of Burgos

### **Quantum Computing" –**

**13:20** Alejandro Mata Ali, ITCL Technology Centre

### **"Cybersecurity" –**

**13:40** Nicolás Cea Porras, ITCL Technology Centre

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