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# EDIH Tech4Efficiency



*University of Extremadura*



# Who we are



## Quercus Software Engineering Group

- Research in software engineering (IoT, AI4SE, service oriented computing, quantum software engineering,...)
- Main application domains: eHealth, rural regions, agriculture, industry,...



## Robotics, Artificial Vision & Building Laboratory

- Research in intelligent Mobile Robotics, Sustainable Smart Construction and Computer Vision:
- Development of Social Robots (people with special needs, senior citizens, people with limited mobility)



## Bayesian Inference & Decision

- Mathematical and statistical techniques in in the area of Bayesian statistics, that allow the resolution of real problems in different fields of knowledge, including engineering and bioengineering.

# What we offer

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Software Engineering	Robotics	Bayesian inference
Big Data	Artificial Vision	Decision making under uncertainty
IoT	Social Robots	Machine learning techniques
Open Linked Data	Mobile Robotics	Mathematical and statistical modelling
Social and Pervasive Computing	Sustainable Smart Construction	Operation research

# Topic and Project Ideas

• Quantum software	• Digital Health	• Machine learning for smart industries
• Artificial intelligence and robotics	• Emerging enabling technologies	• Computer-aided diagnosis systems
	• Precision agriculture	



# Partners sought

- Universities and Research Centers
- Quantum Technology Companies
- Public Sector Organizations
- Industry Collaborators
- Regulation and Ethics Experts
- Educational Institutions

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