

PhD Programme in Information and Communication Technologies

The names included in this list correspond to members of the Department of Mathematics and Computer Science.

This list is purely informative and does not intend to be exhaustive.

You are suggested to contact the corresponding person(s) to agree on the realization of a PhD thesis.

Name and email contact	Research topics	Web page
Barranco González, Manuel (manuel.barranco@uib.es)	Dependable and real-time embedded systems, Fault-tolerant distributed systems, Adaptive systems, Internet of things, Real-time ethernet and Field-bus networks	http://srv.uib.es/manuel-alejandro-barranco-gonzalez/
Bonin Font, Francisco (francisco.bonin@uib.es)	Underwater robotics, Visual navigation and mapping addressed to underwater autonomous vehicles, Sensor fusion for underwater operation in inspection and pattern recognition, Virtual and augmented reality for underwater robot control and mission supervision	http://srv.uib.es/francisco-jesus-bonin-font/
Buades Capó, Antoni (toni.buades@uib.es)	Image processing, Video processing, Computer vision, Pattern recognition	http://antonibuades.wordpress.com/
Burguera Burguera, Antoni (antoni.burguera@uib.es)	Mobile robotics, Underwater robotics, SLAM, Sonar sensing, Computer vision	http://srv.uib.es/antoni-burguera-burguera/
Femenias Nadal, Guillem (guillem.femenias@uib.es)	Massive MIMO and Mm-Wave in 5G Wireless Networks, Ultra Dense Networks (UDN) and Cloud Radio Access Networks (C-RAN) in 5G Wireless Networks, Scheduling and Radio Resource Management in 5G Wireless Networks	http://mcg.uib.es
Galmés Obrador, Sebastià (sebastia.galmes@uib.es)	New trends in wireless sensor networks: energy harvesting techniques, drones and long-range communication solutions, Nanonetworks and molecular communications: exploiting Brownian motion for communication, sensing and radar implementation at the nanoscale, Characterization of memory in non-Markovian (non-memoryless) systems, Optimal planning for distributional services to dynamic target locations under strict time constraints	

González Cid, Yolanda (yolanda.gonzalez@uib.es)	Neuroscience, Clustering, Deep Learning, Visual Analytics, Exploratory Analysis	http://srv.uib.es http://www.humanbrainproject.eu/
Guerrero Tomé, Carlos (carlos.guerrero@uib.es)	Cloud computing, Containers scheduling an orchestration, Performance evaluation, Energy consumption, Virtual machine resource management	http://acsic.uib.es/
Juiz García, Carlos (cjuiz@uib.es)	Performance engineering, Green cloud computing, IT governance	http://acsic.uib.es
Lisani Roca, José Luis (joseluis.lisani@uib.es)	Image processing, Color processing, Video content analysis, Video tracking	http://dmi.uib.es/~lisani/
Llabrés Segura, Mercè (merce.llabres@uib.es)	Bioinformatics: metagenomics and systems biology	
Lladó Matas, Catalina M. (cllado@uib.cat)	Software performance engineering, Performance evaluation, Interchange formats, Queuing networks, Petri Nets	
Manresa Yee, Cristina (cristina.manresa@uib.es)	Human-Computer Interaction, User experience, Interaction design, Assistive technologies, Natural User Interfaces	http://dmi.uib.es/~cmanresay/
Mas Pichaco, Antònia (antonia.mas@uib.es)	Project management, Lean and agile project management, Gamification for process improvement, Process assessment and improvement	http://miprosoft.uib.es http://projectmanagement.uib.es
Massanet Massanet, Sebastià (s.massanet@uib.es)	Soft Computing, Fuzzy Logic and Fuzzy Sets, Logical connectives: Aggregation functions and fuzzy implication functions, Fuzzy Mathematical Morphology, Biomedical image processing	http://scopia.uib.cat/ https://scholar.google.es/citations?user=1PnAX00AAAAJ&hl=es
Mesquida Calafat, Antoni (antoni.mesquida@uib.es)	Project management, Lean and agile project management, Gamification for process improvement, Process assessment and improvement	http://miprosoft.uib.es http://projectmanagement.uib.es
Oliver Codina, Gabriel (goliver@uib.eu)	Mobile robot localization and mapping, Robot vision, Marine robotics	http://srv.uib.es/members/
Ortiz Rodríguez, Alberto (alberto.ortiz@uib.es)	Machine learning (shallow and deep learning), Pattern recognition, Computer vision, Image processing, Mobile robotics	https://alberto-ortiz.github.io/
Proenza Arenas, Julián (julian.proenza@uib.es)	Dependable and real-time embedded systems, Fault-tolerant distributed systems, Adaptive systems, Internet of things, Real-time ethernet and Field-bus networks	http://srv.uib.es/julian-proenza-arenas/

Valero Sierra, Óscar (o.valero@uib.es)	Information fusion, Aggregation functions, Decision making methods, Generalized metric structures, Similarity measures	http://www.uib.eu/research/groups/grup/MOTIBO/
Varona Gómez, Javier (xavi.varona@uib.es)	Computer vision, Human-Computer Interaction, Machine learning, Human behavior analysis	http://maisie.uib.es/ http://ugivia.uib.es/