



UCA
Universidad
de Cádiz

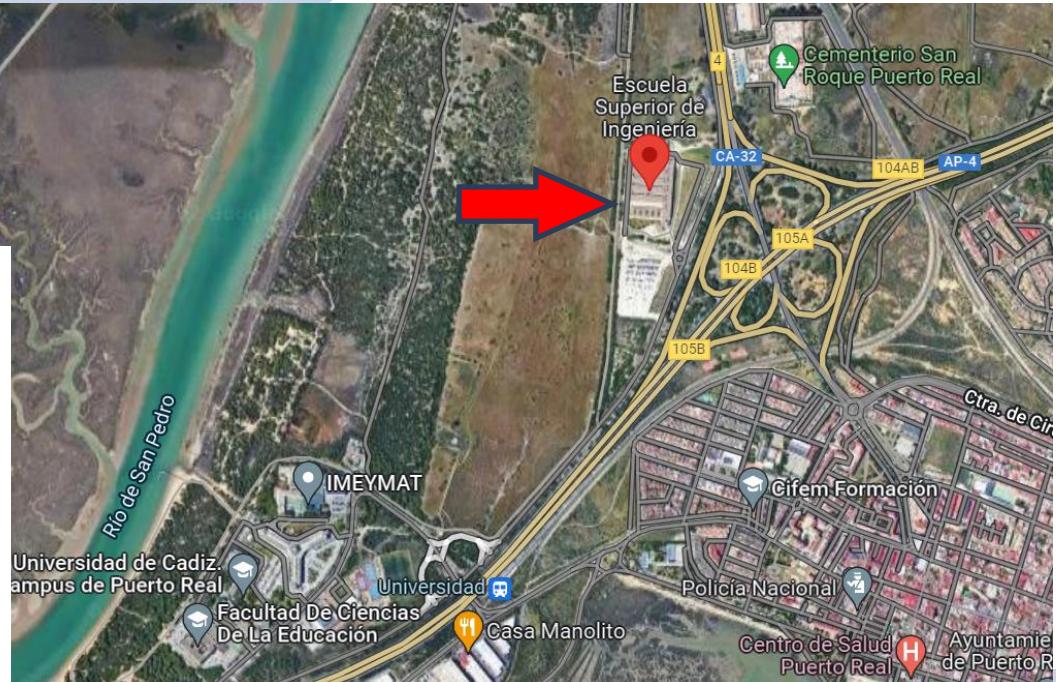


School of Engineering

ESI



WHERE WE ARE?



This Campus is situated in a privileged natural environment in the middle of the Natural Park of the Bay of Cadiz. Six university centres:

- Faculty of Sciences,
- School of Naval and Oceanic Engineering,
- School of Marine, Nautical and Radioelectronic Engineering,
- Faculty of Oceanography and Environmental Sciences,
- Faculty of Education Sciences,
- **School of Engineering.**



SOME DATA



- 2500 students and increasing
- 180 professors and researchers
- 7 four-year engineering degrees
- 6 master programs
- 2 PhD programs

<https://esingenieria.uca.es/>



Studies. Degree, Master & PhD.

Degrees

Aerospace Engineering
Engineering in Industrial Design and Product Development
Electrical Engineering
Industrial Electronic Engineering
Computer Engineering
Mechanical Engineering
Engineering in Industrial Technologies

Double Degrees

Electrical and Industrial Electronic Engineering
Mechanical and electrical Engineering
Mechanical and Industrial Design and Product Development
Mathematic and Computer Engineering





Studies. Degree, Master & PhD.

Masters

Master's in Acoustic Engineering (Interuniversity)

Manufacturing Engineering

Industrial Engineering

Research In Systems And Computer Engineering

Computer Security (Cybersecurity)

Prevention Of Occupational Hazards





Studies. Degree, Master & PhD.

PhD

Manufacturing, Materials and Environmental Engineering
Computer Engineering





Research Groups. Production Technologies



Code	Name	Head Coordinator
TEP 027	<u>Ingeniería y tecnologías de materiales y fabricación</u>	<u>antoniojuan.gamez@uca.es</u>
TEP 195	<u>Laboratorio de Ingeniería Acústica</u>	<u>ricardo.hernandez@uca.es</u>
TEP 224	<u>Tecnología y metrología eléctrica</u>	<u>german.alvarez@uca.es</u>
TEP 231	<u>Corrosión y protección</u>	<u>javier.botana@uca.es</u>
TEP 940	<u>Robótica Aplicada</u>	<u>arturo.morgado@uca.es</u>
TEP 955	<u>Ingeniería y Tecnología para la Prevención de Riesgos Laborales</u>	<u>andres.pastor@uca.es</u>
TEP 966	<u>Ingeniería Matemática</u>	<u>inmat@uca.es</u>



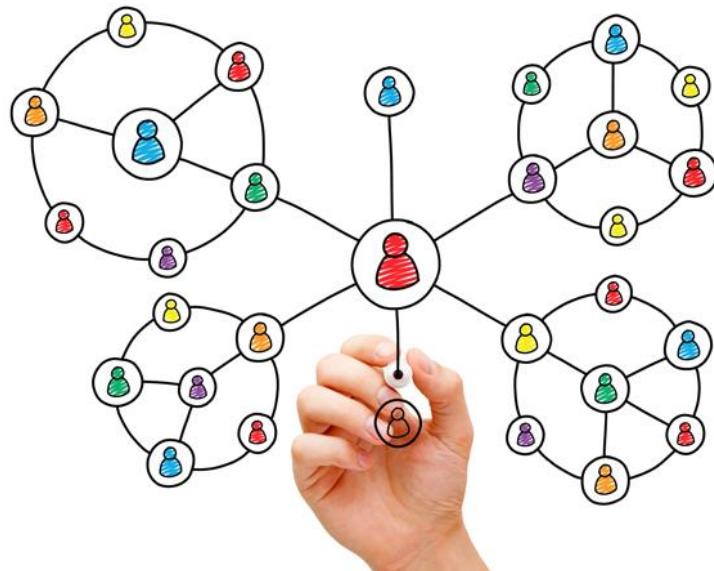
Research Groups. Information technologies & communications



Code	Name	Head Coordinator
TIC 025	<u>UCASE Software Engineering</u>	<u>inmaculada.medina@uca.es</u>
TIC 138	<u>Microelectronic circuits design</u>	<u>angel.quiros@uca.es</u>
TIC 145	<u>Sistemas Inteligentes de Computación</u>	<u>pedro.galindo@uca.es</u>
TIC 195	<u>Mejora del proceso software y métodos formales</u>	<u>mercedes.ruiz@uca.es</u>
TIC 196	<u>Automatic Signal processing & system Engin.</u>	<u>manueljesus.lopez@uca.es</u>
TIC 212	<u>Ingeniería biomédica y telemedicina</u>	<u>daniel.morillo@uca.es</u>
TIC 256	<u>Intelligent Social Knowledge based Systems</u>	<u>manueljesus.cobo@uca.es</u>
TIC 259	<u>Graphical Methods, Optimization, and Learning</u>	<u>bernabe.dorronsoro@uca.es</u>
TIC 248	<u>iSteam. Interactive Science Tech. Eng. & Applied Maths</u>	<u>nestor.mora@uca.es</u>



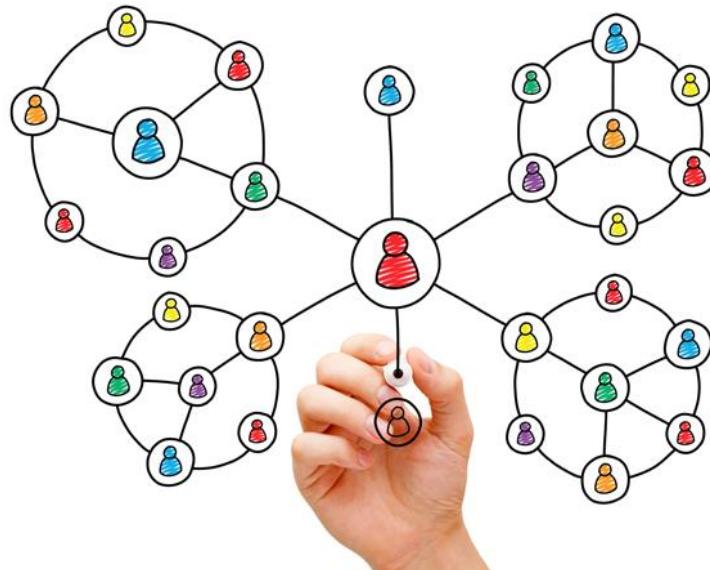
Research Groups. Department of mathematics



- Theory of Bifurcations and Dynamic Systems
María Rosa Durán (maria.rosa@uca.es)
- Geometry, Operators and Series in Banach Spaces
Fco. Javier Pérez Fernández (javier.perez@uca.es)
- Rings Associated with Quantum Models
Mª Ángeles Moreno Frías (mariangeles.moreno@uca.es)
- Theoretical and Numerical Analysis of Models of Experimental Sciences
Fco. Ortegón Gallego (francisco.ortegon@uca.es)



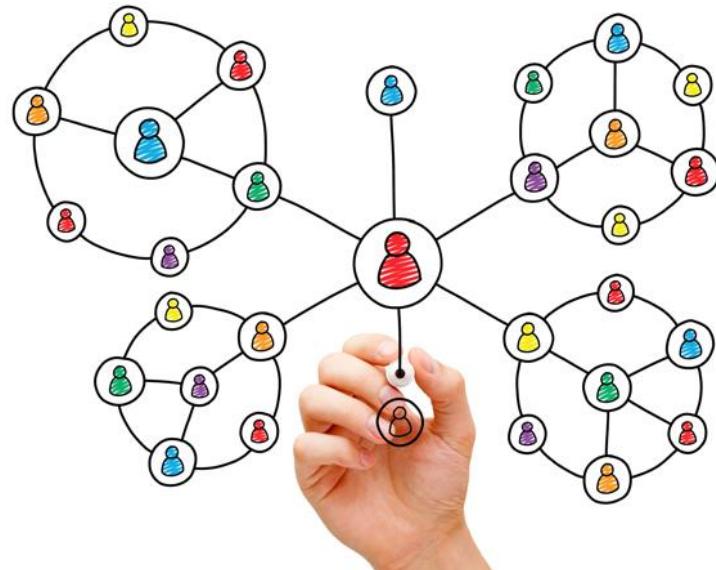
Research Groups. Department of mathematics



- Geodesy and geophysics Cádiz
Manuel Berrocoso Dominguez (manuel.berrocoso@uca.es)
- Semigroup Algebras, Computing and Applications
Alberto Vigneron Tenorio (alberto.vigneron@uca.es)
- Differential Equations and Control Theory. Orthogonal Polynomials
M^a Concepción Muriel Patino (concepcion.muriel@uca.es)



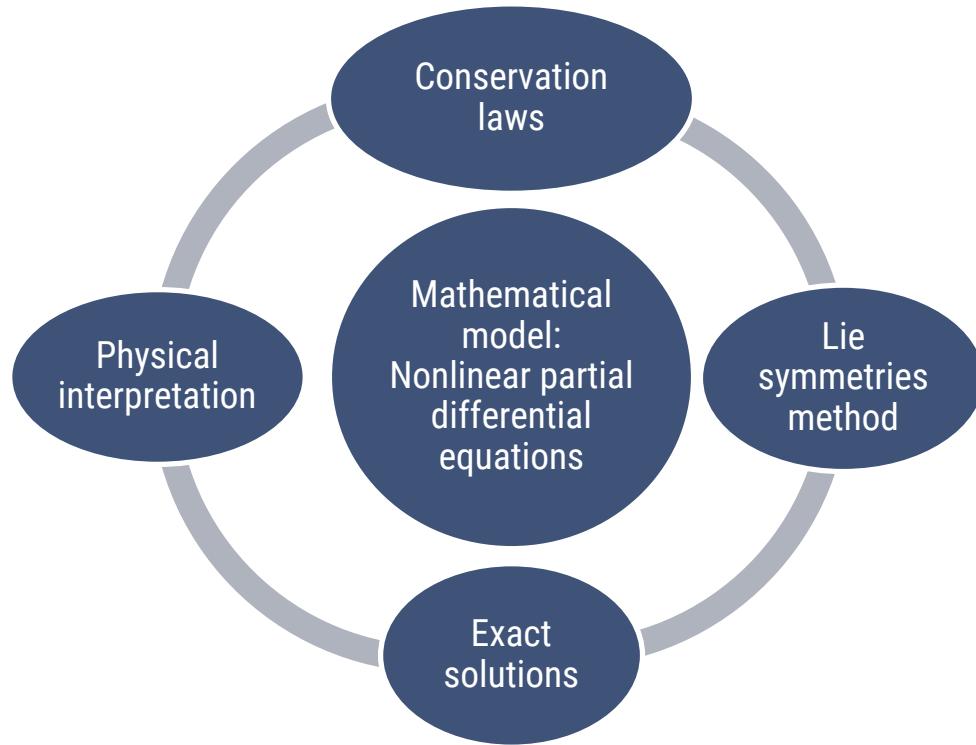
Research Groups. Department of mathematics



- Combinatorics and Optimization: application of discrete mathematical models
Ismael Gonzalez Yero (ismael.gonzalez@uca.es)
- Mathematical Engineering
Luis Lafuente Molinero (inmat@uca.es)
- Mathematics for Computational Intelligence Systems – M CIS
Jesús Medina Moreno (jesus.medina@uca.es)



Department of mathematics – T.M. Garrido



tamara.garrido@uca.es

- ORCID: 0000-0002-9536-1065
- Google Scholar: TM Garrido
- Research Gate: Tamara M. Garrido
- Assistant professor
- Since 2016:
 - 23 publications in journals with anonymous peer-review process, 19 of them in JCR.
 - 6 book chapters with anonymous peer-review process and from prestigious publishers.



Area of Computer Technology - TIC 248



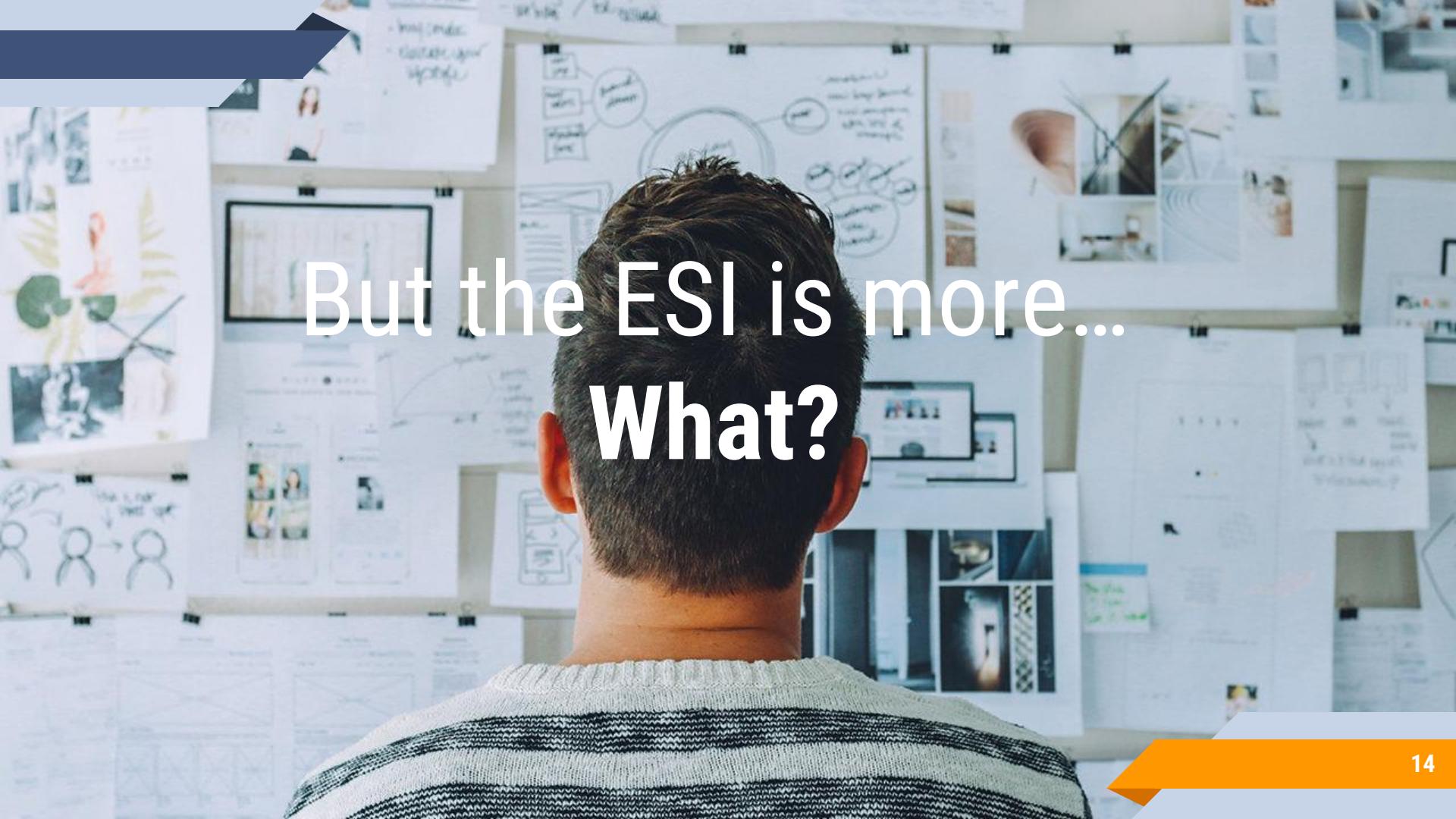
TIC
248

iSteam. Interactive
Science Tech. Eng.
& Applied Maths

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iSTEAM was created with the aim of developing an R+D+i activity focused on the interaction of **IoT** systems and **socio-educational** aspects of our **society**.

Improving the teaching of science and technology, with special emphasis on the use of new information technologies in the teaching-learning process.

A photograph of a man from behind, wearing a striped sweater, looking at a wall covered in various whiteboards, sketches, and photographs. The wall is filled with creative ideas and concepts.

But the ESI is more...
What?



ESI is more





THANKS!

Any questions?

Director of Internationalization and Research

D. Antonio Juan Gámez López

international.esi@uca.es --- research.esi@uca.es