3. LEARNING, OPTIMAL CONTROL AND SCHEDULING UNDER UNCERTAINTY IN COMPLEX SYSTEMS

Specific research lines:

- Optimal control, approximate dynamic programming, reinforcement learning
- Robust control theory, LPV systems, delay systems.
- Large scale, stochastic, minimax and real-time optimisation
- Advanced control and learning in robotics and multi-agent systems
- Optimal and robust control applications for complex systems
- System identification and data-based grey-box modelling

Relevant researchers:

Antonio Sala Piqueras, Catedrático de Universidad, Inst. U. Automatica Informatica Indust. (AI2)
https://scholar.google.es/citations?user=GgXFiOcAAAAJ&hl=es

Cites: 5059, Índice h=30

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Leopoldo Armesto Ángel, Prof. Titular de Universidad, Inst. Diseño y Fabricación (IDF)
https://scholar.google.es/citations?hl=es&user=eR7KUcgAAAAJ

Cites: 958, Índice h=17

Antonio González Sorribes, Prof. Contratado Doctor, Inst. U. Automatica Informatica Indust. (AI2)
https://scholar.google.es/citations?hl=es&user=8R2zLIUAAAAJ

Cites: 280, Índice h=9

José Luis Pitarch Pérez, Prof. Ayudante Doctor, Inst. U. Automatica Informatica Indust. (AI2)
https://scholar.google.es/citations?hl=es&user=Ijfl6lAAAAAJ

Cites: 380, Índice h=12

The research group members have taken part in multiple Spanish and European projects, with A. Sala and L. Armesto leading six of them (from Spanish Government), apart from other actions at a regional/local level. They have plenty of publications in reputed journals, see the Google Scholar profile, as well as supervised Ph.D. theses.