

**PHD TRAINING ACTIVITIES ORGANIZED BY THE ICAI SCHOOL OF
ENGINEERING FOR THE COURSE 2024-2025**

Training Activity	Name and Professor	Semester	Hours	Schedule	Classroom
Methodology Seminars (Mandatory)	Doctoral Research in Comillas (Doctorado e Investigación Científica en Comillas)	1. Sem	14	Organized by the EID.	
		1. Sem	6	Engineering part: (Prof. Juan Carlos del Real, Prof. Fernando Toral and Prof. Julián/Salma Barquín) Thursday 14.11., 21.11, and 28.11, from 16:00-18:00h.	ICAI A-407
Bibliographic management workshop (Mandatory)	Bibliographic Management Workshop (Taller de gestión bibliográfica)	2. Sem	15	Organized by the EID. Spanish and English (dates to be confirmed).	
Research seminars (Mandatory 20h)	Current research topics Andrés Ramos Galán	Annual	10	1/month. Calendar available in Moodle.	IIT
	Advanced Excel for applied research Prof. Javier García González	2. Sem	10	February 25, 27 and March 4, 6, 11. 12:30 - 14:30h.	ICAI A-407
	Forecasting techniques Prof. Antonio Muñoz and Prof. José Portela	2. Sem	10	From 17 to 20 of March, 2025. 12:00 – 14:30h.	ICAI A-407
	Introduction to Biomechanics Prof. Juan Carlos del Real Romero and Prof. Francisco José López Valdés	2. Sem	10	March 25, 27, and April 1, 3, 8. 16:00 - 18:00h.	ICAI A-407
	Reinforcement learning Prof. Alvaro López López	2. Sem	10	April 3, 10, 24 and May 8, 22. Thursdays from 12:30 - 14:30h.	ICAI A-407
	Advanced optimization modelling for applied research Prof. Pedro de Otaola, Prof. Andrés Ramos Galán	2. Sem	10	From 26 to 30 of May, 2025. 12:00 - 14:00h	ICAI A-407
	Introduction to Python D. David Domínguez Barbero	2. Sem	10	May 13, 20, 27, June 3 and 10, 2025. Tuesdays 16:30 - 18:30h.	ICAI A-407
	Data analysis Prof. Sara Lumbreras Sancho	2. Sem	10	June 11, 13, 18, 20 and 25. 10:00 – 12:00h.	ICAI A-407
Doctorate conference (Mandatory 1 day)	Annual Conference on Industrial Systems and Energy Technologies (JOSITE)	2. Sem	8	Organized by the IIT on June 2025.	IIT