

5th Training Course: Emerging Applications and Innovative Research in Biomedicine and Renewable Energies.

Period: April 19th to 27th, 2019

Campus: Leganés

Directed to: University professors, Doctorate and Master students, Professionals and Businessmen from the Medicine and Engineering sectors (18 Participants).

Date	Time	Classroom	Activity	Speaker
Tuesday 23/04/2019	9h00 – 9h30	7.1.J02	Welcome	Prof. Álvaro Escribano - C3IS Director
	9h30 – 11h30	7.1.J02	Introduction to renewable energies and its challenges	Prof. Jesús Gómez - Thermal and Fluids Engineering Dpt
	12h00 – 14h00	7.1.J02	Efficiency trends on buildings	Prof. Jesús Gómez - Thermal and Fluids Engineering Dpt.
Wednesday 24/04/2019	9h00 – 11h00	7.0.J01	An overview of renewable energies	Profa. Carolina Marugán - Thermal and Fluids Engineering Dpt.
	11h30 – 13h30	7.0.J01	The future of renewable energies	Profa. Carolina Marugán - Thermal and Fluids Engineering Dpt.
	13h30 – 14h30	Laboratories	Visit to the Laboratories of Thermal and Fluids Engineering Dpt.	Profa. Carolina Marugán - Thermal and Fluids Engineering Dpt.
Thursday 25/04/2019	9h00 – 11h00	7.1.J02	Computational bioimaging: Fostering a revolution in healthcare	Profa. Arrate Muñoz - Bioengineering and Aerospace Engineering Dpt.
	11h30 – 13h30	7.1.J02	Image guided surgery in oncological treatments	Prof. Javier Pascau - Bioengineering and Aerospace Engineering Dpt.
	13h30 – 14h30	Laboratories	Visit to the Laboratories of Bioengineering and Aerospace Engineering Dpt.	Prof. Javier Pascau - Bioengineering and Aerospace Engineering Dpt.

Friday 26/04/2019	9h00 – 11h00	7.2.J02	Tissue Bioengineering and Regenerative Medicine. Skin Diseases: bench-to-bedside.	Profa. Sara Guerrero - Bioengineering and Aerospace Engineering Dpt.
	11h30 – 13h30	7.2.J05	3D skin bioprinting/ skin-on-a chip: technologies, applications and future	Prof. Diego Velasco - Bioengineering and Aerospace Engineering Dpt.
	13h30 – 14h30	7.2.J05	Closure of the course and awarding of diplomas	Ms. Dolores Morell - Student Office Director & Dra. Elisa M ^a Ruiz - Engineering Prog. Director