

WINTER SCHOOL 2020

DAYS / TIME	MONDAY 30/11	TUESDAY 1/12	WEDNESDAY 2/12	THURSDAY 3/12	FRIDAY 4/12	SATURDAY 5/12
09:00 - 10:30	OPENING CEREMONY 9.30 - 12.30 (BERTOLINI, CAROZZA, RODRIGUEZ DE LAS HERAS)	Lecture 3 (D'ACQUISTO)	Lecture 7 (TURCHETTI)	Lecture 11 (GLESS)	Lecture 15 (MARTINELLI)	Lecture 19 (BERTOLINI)
11:00 - 12:30		Lecture 4 TORTORA	Lecture 8 (MINA)	Lecture 12 (COECKELBERGH)	Lecture 16 (BERTOLINI)	CLOSING CEREMONY 10.00-13.00 (SELECTED PRESENTATIONS)
13:00 - 14:30						
14:30-16:00	Lecture 1 (CHITTI)	(virtual) Visit BioRobotics	Lecture 9 (KRITIKOS)	Lecture 13 (COECKELBERGH)	Lecture 17 (CARROZZINO)	
16:30 - 18:00	Lecture 2 (PALMERINI)	Lecture 5 (AVIZZANO)	Lecture 10 (MCDONAGH)	Lecture 14 (MARTINELLI)	(virtual) Visit TeCIP	
		Lecture 6 * (DI MININ-FERRIGNO)			Lecture 18 * (TAKE HOME EXAM)	

Each class is 1.30 hours long, with 30 minutes break.

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Discipline	LAW	ROBOTICS	ECONOM-MANAG	ETHICS
Lecture no.	Title			
Lecture 1	The regulation of AI: differences between the US and EU approach			
Lecture 2	The regulation of robotics and AI in Europe and beyond			
Lecture 3	GDPR and new technologies: going beyond ex ante regulation			
Lecture 4	IoT and Artificial Intelligence, enabling innovations for future applications in medical robots. Beyond regulations			
Lecture 5	Robotics and AI: Case Studies			
Lecture 6	Innovation models in R&A			
Lecture 7	Technology-assessment techniques			
Lecture 8	New technologies, skills and employment			
Lecture 9	Governing AI at the EU level: ethical, legal and policy considerations			
Lecture 10	IP law and the challenges of R&AI Innovation models in R&A			
Lecture 11	AI in the Courtroom: A Comparative Analysis of Machine Evidence in Criminal Trials			
Lecture 12	Responsibility for AI			
Lecture 13	AI and climate: Political challenges			
Lecture 14	Measuring technical change using patent data			
Lecture 15	The enabling technologies of Industry 4.0: Examining the seeds of the Fourth Industrial Revolution			
Lecture 16	Liability models for R&A			
Lecture 17	Virtual Humans			
Lecture 18	Take home exam			
Lecture 19	Correction of the Take-Home Exam			
Lecture 20	Selected presentations			