

SUMMER SCHOOL on Data-Driven Optimisation

	Monday 05/09	Tuesday 06/09	Wednesday 07/09	Thursday 08/09	Friday 09/09
		8.40 - 9.00 Registration			PSE@ResearchDayUK
Optional		9.00 - 10.30 Interplay between optimization and reinforcement learning (1) Prof Niao He ETH Zurich	9.00 - 10.30 Bayesian optimization (1) Prof Marc Deisenroth University College London	9.00 - 10.30 Machine Learning and Optimization for Operations Research (1) Dr Belen Martin-Barragan University of Edinburgh	9.00 - 10.00 Plenary talk by Prof Alexander Mitsos RWTH Aachen University Global Optimization with Embedded Hybrid Models
		10.30 - 11.00 Break			10.00 - 10.30 Presentations from sponsors
		11.00 - 12.30 Interplay between optimization and reinforcement learning (2) Prof Niao He ETH Zurich	11.00 - 12.30 Bayesian optimization (2) Prof Marc Deisenroth University College London	11.00 - 12.30 Machine Learning and Optimization for Operations Research (2) Dr Belen Martin-Barragan University of Edinburgh	10.30 - 11.00 Break
					11.00 - 12.30 Presentations (1) LT1 -ACEX
	12.45 - 13.00 pre-registration	12.30 - 14.00 Lunch Break (Lunch not provided - food outlets available on campus)			12.30 - 13.30 Lunch Provided (ACEX Design Rooms)
	13.00 - 14.30 pre-tutorial (1) Dr Antonio Del Rio Chanona				13.30 - 15.15 Presentations (2) LT1 -ACEX
	14.30 - 15.00 Break	14.00 - 15.30 Optimization under uncertainty (1) Prof Wolfram Wiesemann Imperial College London	14.00 - 15.30 Sequential decision-making problems under uncertainty (1) Dr Ciara Pike-Burke Imperial College London	14.00 - 15.30 Deriving data-driven constraints for biological models (1) Prof Cleo Kontoravdi Imperial College London	
	15.00 - 16.30 pre-tutorial (2) Dr Antonio Del Rio Chanona	15.30 - 16.00 Break			15.15 - 16.40 Poster session (ACEX Design Rooms) <u>Tea and Coffee</u>
	17.00 - 20.00 Welcome to Summer School 2022 Dinner and Drinks (ACEX Design Rooms)	16.00 - 17.30 Optimization under uncertainty (2) Prof Wolfram Wiesemann Imperial College London	16.00 - 17.30 Sequential decision-making problems under uncertainty (2) Dr Ciara Pike-Burke Imperial College London	16.00 - 17.30 Deriving data-driven constraints for biological models (2) Prof Cleo Kontoravdi Imperial College London	16.40 - 16.50 Prizes and Closing comments (ACEX Design Rooms)
			17.30 - 20.00 Summer School Social Pizza and Drinks		17.00 End of Summer School BBQ Queen's Tower Rooms