ICCS Summer School 2023 (Provisional Programme)

Time	Monday 10th July	Tuesday 11th July	Wednesday 12th July	Thursday 13th July	Friday 14th July
9:00		Keynote - Kirsty Pringle - Reproducibility and open software practises in climate research (MR4, 9:00-10:00)	Introduction to Machine Learning with Pytorch (Teaching) - Jack Atkinson & Jim Denholm (MR4, 9:00-10:30)	Introduction to Machine Learning with Pytorch (Teaching) - Jack Atkinson & Jim Denholm (MR4, 9:00-10:30)	Hackathon (Intel Computer Lab, 9:00-10:30)
10:00		*Break*	*Break*	*Break*	*Break*
11:00	Arrival (MR4, 11:00-12:00)	Panel on the importance of software engineering goodpractices in climate science - Sadie Bartholomew, Kirsty Pringle, Chris Edsall, Paul Richmond, Marion Weinzierl (MR4, 10:30-12:00)	Introduction to Machine Learning with Pytorch (Practical) (MR4, 11:00-12:00)	Introduction to Machine Learning with Pytorch (Practical) (MR4, 11:00-12:00)	Hackathon (Intel Computer Lab, 11:00-12:00)
12:00	Lunch at DAMTP (12:00-13:00)	Lunch at Churchill College (12:00-13:30)	Lunch at Churchill College (12:00-13:30)	Lunch at Churchill College (12:00-13:30)	Lunch at Churchill College (12:00-13:30)
13:00	Welcome - Emily Shuckburgh, Marla Fuchs, Colm Caulfield (MR4, 13:00-13:30)		10-minute quick-fire science talks (MR4, 13:30-14:00)	10-minute quick-fire science talks (MR4, 13:30-14:00)	
14:00	Keynote - Claire Monteleoni - Machine Learning for Climate Change and Environmental Sustainability (MR4, 13:30-14:30)	Introduction to GPU Programming (Teaching) - Paul Richmond (MR4, 13:30-15:00)	Probabilistic Machine Learning: From Bayesian Linear Regression to Gaussian Processes - Henry Moss (MR4, 14:00-15:00) / ICCS RSE Open Office Hour - Ben Orchard & Matt Archer (MR5, 14:00-15:00)	Hackathon pitches & introduction (MR4, 14:00-14:30) Paul and Dom / Advanced GPU programming/optimisation - Paul Richmond (MR4, 14:30-15:30) / HuggingFace platform - Ben Orchard (MR5, 14:30-15:30)	Hackathon (Intel Computer Lab, 13:30-15:00)
15:00	*Break*	*Break*	*Break*		*Break*
16:00	Using GitHub effectively for collaborative development - Alex Smith, Simon Clifford, Ben Orchard (MR4, 15:00-16:30)	Introduction to GPU Programming (Practical) - Paul Richmond & Chris Edsall (MR4, 15:30-16:30) / ICCS RSE Open Office Hour - Ben Orchard & Matt Archer (MR5, 15:30-16:30)	Probabilistic Machine Learning: From Bayesian Linear Regression to Gaussian Processes - Henry Moss (MR4, 15:30-16:30) / ICCS RSE Open Office Hour - Ben Orchard & Matt Archer (MR5, 15:30-16:30)	*Break* / Advanced GPU programming/optimisation - Paul Richmond & Chris Edsall (MR4, 16:00-17:00) / HuggingFace platform - Ben Orchard (MR5, 16:00-17:00)	Hackathon (Intel Computer Lab, 15:30-16:30)
	10-minute quick-fire science talks (MR4, 16:30-17:00)	Taxis to The Graduate Hotel (Meet outside Centre for Mathematical Sciences, Clarkson Road entrance at 16:30)	*Walk to Punting*		Group presentations (Intel Computer Lab, 16:30-17:30)
17:00	*Time to check in to accommodation*		Punting (17:00-18:00)	Science Communication Talk - Joe Palca (MR4, 17:00-18:00)	Hackathon prizes and closing remarks (Intel Computer Lab, 17:30-18:00)
18:00	Taxis to Madingley Hall (Meet outside Churchill college at 18:00)	Fireside Chat (17:00-20:00)	*Time to freshen up/change*	Wine & cheese tasting / Poster session (18:00-19:30)	Pizza (18:00-19:00)
19:00	Drinks reception & dinner at Madingley Hall (18:30-22:00)		Taxis to Corpus Christi college (Meet outside Churchill college at 19:00)		
20:00		Taxis to Churchill college (Meet outside The Graduate Hotel at 20:00)	Formal dinner at Corpus Christi college (Drinks reception at 19:30-20:00, Dinner at 20:00)		
22:00	Taxis to Churchill college (Meet outside Madingley Hall at 22:00)		Taxis to Churchill college (Meet outside Corpus Christi college at 22:20)		

05/07/2023