



# Mathematics of the Weather 2024

## Tuesday 8 October 2024

**Machine Learning B (08:30 - 09:45)**

time	[id] title	presenter
08:30	[30] Hybrid AI and multiscale physical modelling for optimal urban decarbonisation combating climate change	FANG, Fangxin
09:00	[46] Neural Network Implementation of High-order Discontinuous Galerkin Methods	LI, Linfeng
09:15	[27] Acceleration of a ray tracing parameterization of gravity wave momentum transport	CONNELLY, David
09:30	[41] Improving performance of effectively submesoscale resolving ocean simulations	Dr FREESE, Philip