

Virtual Event: ECMWF-ESA Workshop on Machine Learning for Earth System Observation and Prediction

Wednesday, 7 October 2020

Session 5 (cont.): ML for Model Identification and development (14:00 - 15:30)

-Conveners: Massimo Bonavita

time	[id] title	presenter
14:00	[66] Physics Guided Machine Learning: A New Framework for Accelerating Scientific Discovery	KUMAR, Vipin
14:30	[59] Assessing Machine Learning Approaches for Physical Parameterizations in Atmospheric General Circulation Models	JABLONOWSKI, Christiane
15:00	[73] Model optimization with a genetic algorithm	HOUTEKAMER, Pieter

Session 5 (cont.): ML for Model Identification and development (16:00 - 18:00)

-Conveners: Peter Jan van Leeuwen

time	[id] title	presenter
16:00	[15] Analog Forecasting of Extreme Causing Weather Patterns Using Deep Learning	Mr CHATTOPADHYAY, Ashesh
16:30	[30] What If The Easiest Part of the Global Atmospheric System For Machines To Learn Is The Dynamics?	Prof. DURRAN, Dale
17:00	[34] S2S forecasting using large ensembles of data-driven global weather prediction models	WEYN, Jonathan
17:30	[82] Description of Working Groups	BONAVITA, Massimo