

ML for Earth System Modelling and Analytics workshop 2021

Monday, 3 May 2021

Parallel sessions day 1: Earth System Modelling (15:20 - 16:45)

-Conveners: Christopher Kadow

time	[id] title	presenter
15:20	[3] An ML Perspective on Closed Loop Tuning in Earth Science Simulators	GREENBERG, David
15:35	[4] A machine learning-based air quality forecast system for Pacific Northwest	FAN, Kai
15:50	[5] Near-surface temperature forecasting by deep learning	GONG, Bing
16:05	[6] Using machine learning techniques to classify ENSO events	MAHER, Nicola
16:20	[7] The Frontiers of Deep Learning for the Earth System Sciences	HALL, David

Parallel sessions day 1: Extreme Events and Impacts (15:20 - 16:45)

-Conveners: Laurens Bouwer

time	[id] title	presenter
15:20	[8] Machine learning model of the plasmasphere to forecast satellite charging caused by solar storms	BIANCO, Stefano
15:35	[9] Denoising seismic data using a ResNeXt-50-based convolutional autoencoder	WALDA, Jan
15:50	[10] Artificial Intelligence for flood analysis: first results from the AI4Flood project	GARG, Shagun
16:05	[11] Automated Damage Assessment	MARGUTTI, Jacopo
16:20	[12] Supervised Machine Learning to investigate Heat Waves and Myocardial Infarctions in Augsburg, Germany	MARIEN, Lennart