ML for Earth System Modelling and Analytics workshop 2021

Tuesday, 4 May 2021

Parallel sessions day 2: Earth System Modelling (15:45 - 17:15)

-Conveners: Christopher Kadow; Eduardo Zorita

time	[id] title	presenter
15:45	[17] 3D bias correction with deep learning in the Integrated Forecasting System	KURTH, Thorsten
16:00	[18] Building an Earth System Model emulator for local monthly temperature	NATH, Shruthi
16:15	[19] Machine learning based post-processing of 2-m air temperature model output – a multi-model approach	STACHURA, Gabriel
16:30	[20] Lossy Compression of Climate Data using Convolutional Autoencoders	HOLTZ, Silke Donayre
16:45	[21] Building a versioned pipeline for ML-based quality control of environmental sensor data	POLZ, Julius

Parallel sessions day 2: Remote sensing and marine ecosystems (15:45 - 17:15)

-Conveners: Tobias Weigel

time	[id] title	presenter
15:45	[22] Quantifying the impact of bedrock uncertainty on ice sheet model simulations by Gaussian Process modelling	WERNECKE, Andreas
16:00	[23] Remote Sensing of Global Ocean Wind Speed using GNSS Reflectometry and AI	ASGARIMEHR, Milad
16:15	[24] Approximation of a marine ecosystem model using artificial neural networks	PFEIL, Markus
16:30	[25] Artificial Intelligence for Cold Regions (AI-CORE) - a Pilot to bridge Data Analytics and Infrastructure Development	PHAN, Long Duc