

EGI2024

Thursday, 3 October 2024

Processing Research Data with Artificial Intelligence and Machine Learning (09:00 - 12:30)

-Conveners: Marco Rorro; Malgorzata Krakowian

time	[id] title	presenter
09:00	[137] AI Landscape and Roadmap in EGI	
09:10	[1] iMagine: an AI platform supporting aquatic science use cases	SIPOS, Gergely
09:30	[39] iMagine: Best practices for suppliers of image collections and analysis tools in aquatic sciences	Dr AZMI, Elnaz
09:50	[58] A Bayesian Optimization workflow for improving oil spill numerical simulations	DE CARLO, Marco Mariano
10:00	[86] Bridging Cloud and HPC for Scalable Event-driven Processing of AI Workloads	PARCERO, Estibaliz
10:20	[56] ML4Fires: A Digital Twin Component for Wildfire Danger Analysis via Global Burned Areas Prediction on Climate Projection Data	DONNO, Emanuele
11:00	[47] AI4EOSC as a toolbox to develop and serve AI models in the EOSC	LOPEZ GARCIA, Alvaro
11:20	[49] Machine Learning Operations (MLOps): from global landscape to practice in AI4EOSC	Dr KOZLOV, Valentin
11:40	[34] Comparative Study of Federated Learning Frameworks NVFlare and Flower for Detecting Thermal Anomalies in Urban Environments	Dr ALIBABAEI, Khadijeh
12:00	[87] Distributed computing platform on EGI Federated Cloud	SELENG, Martin TRAN, Viet
12:10	[66] Exploring the Potential of Graph Neural Networks to Predict the State of Seagrass Ecosystems in Italian Seas	BIANCONI, Angelica
12:20	[42] AI assisted user support	CHUDOBA, Jiri