SOSC 2023 Fifth International School on Open Science Cloud

Monday, 23 October 2023

Lectures: Introduction (09:00 - 11:00)

time	[id] title	presenter
09:00	[88] Welcome and Introduction	SPIGA, Daniele
09:30	[89] Dark matter and neutrino study with CYGNO: Computing model and data handling	MAZZITELLI, Giovanni

Lectures: Fundamentals (11:20 - 13:00)

  -Conveners: Diego Ciangottini

time	[id] title	presenter
11:20	[90] How do I manage applications: Containers	CIANGOTTINI, Diego

Lectures: Fundamentals (14:20 - 15:20)

time	[id] title	presenter
14:20	[92] Exercises with containers	CIANGOTTINI, Diego

Tuesday, 24 October 2023

<u>Lectures: Fundamentals</u> (09:00 - 10:50)

time	[id] title	presenter
09:00	[94] Container Orchestration: a comprehensive overview	CIANGOTTINI, Diego
10:00	[95] How do I manage my data: Cloud Storage	COSTANTINI, Alessandro

<u>Lectures: Tools for data handling and processing</u> (11:10 - 13:00)

time	[id] title	presenter
11:10	[96] Cloud Storage in practice. Guided exercise on storage: read and wrirte data	COSTANTINI, Alessandro
12:10	[97] Quick intro to Message queue (NATS): how to publish and subscribe	MARIOTTI, Mirko

Wednesday, 25 October 2023

Lectures: Machine Learning (09:00 - 10:50)

time	[id] title	presenter
09:00	[101] Machine Learning: Basics	Prof. SCRUCCA, Luca
10:00	[102] Machine Learning: Neural Networks	Prof. SCRUCCA, Luca

Lectures: Machine Learning (11:10 - 13:10)

time	[id] title	presenter
11:10	[103] Computer Vision with Deep Learning: Basics	ANDERLINI, Lucio
12:10	[104] Guided exercise: Out of memory with Dask	ANDERLINI, Lucio

Thursday, 26 October 2023

<u>Lectures: Continuing the hands-on</u> (09:00 - 10:50)

<u>Lectures: Workflow Management</u> (11:10 - 13:00)

time	[id] title	presenter
11:10	[110] Pipeline composition via MLFlow: Connecting the dots	TEDESCHI, Tommaso

Friday, 27 October 2023

Lectures: Wrap-up and closing session (11:30 - 12:30)

   -Conveners: Daniele Spiga