

School On Scientific Data Analytics and Deep Learning

June 10/14 2019 - Rome, Italy

Agenda

	Monday (10)	Tuesday (11)	Wednesday (12)	Thursday (13)	Friday (14)
9.30 - 11.00	Introduction/Logistic HPC vs Big Data <i>M.Rorro</i>	Programming with R <i>(Base)</i> <i>G. Pedrazzi</i>	Practical assignment <i>G. Pedrazzi</i>	Introduction to Deep Learning M. Rorro & S. Tagliaventi	TensorFlow - Exercises M. Rorro - S. Tagliaventi
11.00 - 11.30	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
11.30 - 13.00	Predictive modeling/Machine Learning (part 1) <i>R. Turra</i>	Programming with R <i>(clustering)</i> <i>G. Pedrazzi</i>	Introduction to HPC <i>N. Besker</i>	Introduction to TensorFlow M. Rorro - S. Tagliaventi	TensorFlow - Exercises M. Rorro - S. Tagliaventi
13.00 - 14.00	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14.00 - 15.30	Predictive modeling/Machine Learning (part 2) <i>R. Turra</i>	Programming with R <i>(Classification)</i> <i>G. Pedrazzi</i>	R in HPC environment <i>G. Pedrazzi</i>	TensorFlow - Exercises M. Rorro - S. Tagliaventi	
15.30 - 16.00	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>
16.00 - 17.30	Unsupervised techniques <i>G. Pedrazzi</i>	Practical assignment <i>G. Pedrazzi</i>	R in HPC environment <i>G. Pedrazzi</i>	TensorFlow - Exercises M. Rorro - S. Tagliaventi	