

School on Scientific Data Analytics and Visualization – 2017

Dates	12-16 June 2017
Location	Rome
Language	English (PATC)
PATC	https://events.prace-ri.eu/event/588/
# Participants	20
Code	https://gitlab.hpc.cineca.it/training/data/tree/school-rome-2017

Agenda

	Monday (12)	Tuesday (13)	Wednesday (14)	Thursday (15)	Friday (16)
9.30 - 11.00	Introduction/Logistic HPC vs Big Data <i>G. Fiameni</i>	Programming with R <i>G. Pedrazzi</i> <i>R. Turra</i> <i>M. Vit</i>	Apache Spark <i>G. Simonini (University of Modena and Reggio Emilia)</i> <i>P. D'Onorio De Meo</i>	Introduction to Deep Learning <i>R. Zanella</i>	TensorFlow <i>R. Zanella</i>
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	Introduction to data analytics Predictive modeling/Machine Learning (part 1) <i>R. Turra</i> <i>A. Macaluso</i>	Programming with R <i>G. Pedrazzi</i> <i>R. Turra</i> <i>M. Vit</i>	Apache Spark <i>G. Simonini (University of Modena and Reggio Emilia)</i> <i>P. D'Onorio De Meo</i>	Convolutional Network <i>R. Zanella</i>	TensorFlow <i>R. Zanella</i>
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> <i>A. Macaluso</i>	Programming with R <i>G. Pedrazzi</i> <i>R. Turra</i> <i>M. Vit</i>	Apache Spark + MLLIB <i>G. Simonini (University of Modena and Reggio Emilia)</i> <i>P. D'Onorio De Meo</i>	Intel DAAL <i>R. Zanella</i> <i>M. Rosati</i>	
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> <i>A. Macaluso</i>	Programming with H2O <i>G. Pedrazzi</i> <i>R. Turra</i> <i>M. Vit</i>	Apache Spark + MLLIB <i>G. Simonini (University of Modena and Reggio Emilia)</i> <i>P. D'Onorio De Meo</i>	Intel DAAL - Exercises <i>R. Zanella</i> <i>M. Rosati</i>	