Data Science and Deep Learning with Python

November (22-26)/ 2021
Agenda

	Monday (22)	Tuesday (23)	Wednesday (24)	Thursday (25)	Friday (26)
9.30 - 11.00	**Euhubs4data project introduction** **Predictive Modeling** (part1)	**Data Visualization (matplotlib, seaborn)**	**ML with scikit-learn (Unsupervised Learning)**	**ML on HPC**	**Deep Learning**
	G. Pedrazzi, R. Turra	*M. Bottazzi*	*B. Agarwal, G. Pedrazzi, A. Enia*	*B. Agarwal, G. Pedrazzi, A. Enia*	*S. Kubarev*
11.00 - 11.30	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*
11.30 – 13.00	**Predictive Modeling** (part2)	**Data Visualization** hands-on	**ML with scikit-learn (Unsupervised Learning)** hands-on	**ML on HPC**	**Deep Learning** hands-on
	R. Turra	*M. Bottazzi, A. Enia*	*B. Agarwal, G. Pedrazzi, A. Enia*	*B. Agarwal, G. Pedrazzi, A. Enia*	*S. Kubarev, G. Pedrazzi, B. Agarwal*
13.00 - 14.00		*Lunch*	*Lunch*	*Lunch*	*Lunch*
14.00 - 15.00	**Unsupervised Learning**	**ML with scikit-learn (Supervised Learning)**	**Introduction to HPC**	**General hands-on session and questions**	**Deep Learning** hands-on
	G. Pedrazzi	*B. Chandramouli, S. Cataudella*	*A. Marani*	*B. Agarwal, G. Pedrazzi, A. Enia*	*S. Kubarev, G. Pedrazzi, B. Agarwal*
15.00 - 15.30	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*
15.30 – 17.30	**Python Scientific Libraries (Numpy, Pandas)**	**ML with scikit-learn (Supervised Learning)** hands-on	**Introduction to HPC** hands-on	**General hands-on session and questions**	
	B. Chandramouli	*B. Chandramouli, S. Cataudella*	*A. Marani*	*B. Agarwal, G. Pedrazzi, A. Enia*	