

Schedule of the Extreme Sources of Data Workshop <https://indico.ictp.it/event/9935/>

Monday 25	Tuesday 26	Wednesday 27	Thursday 28	Friday 29
10:00-11:00 Welcome and setting up the tools	9:30 - 11:00 Intro to Python (Giovanni)	9:30 - 11:00 Intro to ML (Meirin)	9:30 - 11:00 Statistics tutorial (Michele)	9:30 - 11:00 Presentations of project results by participants
11:00 - 11:30 Coffee break	11:00 - 11:30 Coffee break	11:00 - 11:30 Coffee break	11:00 - 11:30 Coffee break	11:00 - 11:30 Coffee break
11:30 - 12:30 The physics behind ATLAS Open Data (Leonid)	11:30 - 12:30 Numpy and Pandas (Giovanni)	11:30 - 12:30 Applying ML to ATLAS Open Data (Meirin)	11:30 - 12:30 Statistics tutorial (Michele)	11:30 - 12:00 Live virtual-visit to ATLAS Control Room (Muhammad Alhroob)
				12:00 - 12:30 Summary session and hand-out of certificates
12:30 - 14:00 Lunch	12:30 - 14:00 Lunch	12:30 - 14:00 Lunch	12:30 - 14:00 Lunch	12:30 - 14:00 Lunch
14:00 - 16:00 Hands-on C++: ATLAS Open Data (Leonid)	14:00 - 16:00 Python uproot (Meirin)	14:00 - 16:00 ML on GPU (Meirin)	14:00 - 16:00 ATLAS Open Data with RootDataFrame (Mohammed Faraj)	
16:00 - 16:15 Coffee break	16:00 - 16:15 Coffee break	16:00 - 16:15 Coffee break	16:00 - 16:15 Coffee break	
16:15 - 17:45 Hands-on C++: ATLAS Open Data (Leonid)	16:15 - 17:45 Python Matplotlib for HEP (Meirin)	16:15 - 17:45 Replicating a HEP Deep Learning result (Leonid)	16:15 - ∞ Time to work on group projects	