

Schedule of 8th School on LHC Physics (19 – 30 August 2019)

TIME (PST)	Mon (19 th Aug)	Tue (20 th Aug)	Wed (21 th Aug)	Thu (22 th Aug)	Fri (23 th Aug)	Sat (24 th Aug)
09:20 – 10:10	Registration 08:30 – 9:20	Faisal Akram Particle Physics Lecture # 1	Faisal Akram Particle Physics Lecture # 2	Gabriella Pugliese Gaseous Detectors Lecture # 2	Gabriella Pugliese Gaseous Detectors Lecture # 3	
	Welcome Session 9:20 – 10:10					
	Tea Break 10:10 - 10:30					
10:10 – 11:00	Hafeez Hoorani Collider Physics	Bilal Masood QCD Lecture # 1	Bilal Masood QCD Lecture # 2	Federico De Guio Jet + Met Lecture # 2	Federico De Guio Jet + Met Lecture # 3	
	10:30 – 11:20					
	11:00 – 11:20 Tea Break					
11:20 – 12:10	Ashfaq Ahmad Introduction to Particle Physics and Exp. HEP at NCP	Federico De Guio Jet + Met Lecture # 1	Ashfaq Ahmad Jargon in Exp. HEP + Silicon Tracker Project	Shabbar SUSY Physics	Mansoor Ur Rehman Cosmology	
12:10 – 13:00	Jonas Rademacker Introduction to Statistics Lecture # 1	Jonas Rademacker Introduction to Statistics Lecture # 2	Akram Khan Top Quark Physics Lecture # 2	Rizwan Khalid SUSY Physics	Jonas Rademacker Introduction to Statistics Lecture # 3	
13:00 – 14:00	Lunch Break					
14:00 – 14:50	Akram Khan Raw data to Physics Lecture # 1	Gabriella Pugliese Gaseous Detectors Lecture # 1	Akram Khan and Ashfaq Ahmad Science & Society Public engagement	Ashfaq Ahmad CMS Tracker Project	Bilal Masood QCD Lecture #3	
14:50 – 15:40	Rashid Ahmad Machine Learning Lecture # 1	Jamila Bashi Butt Introduction to physics Analysis at ALICE	Akram Khan and Ashfaq Ahmad Science and Society Public engagement	Faisal Akram Particle Physics Lecture # 3	Waqas Ahmed Lecture # 1	
15:40 – 16:10	Tea Break					
16:10 – 17:00	Discussion	Discussion	Discussion	Discussion	Discussion	

TIME (PST)	Sun (25 th Aug)	Mon (26 th Aug)	Tue (27 th Aug)	Wed (28 th Aug)	Thu (29 th Aug)	Fri (30 th Aug)	
09:20 – 10:10	Excursion	Adeel Ur Rehman Introduction to Linux/C++ Lecture # 1	Shakeel Ahmad JUNO Expt	Luca Malgeri Lecture # 1	Luca Malgeri Lecture # 2	Luca Malgeri Lecture # 3	
10:10 – 11:00		Rashid Ahmad Machine Learning Lecture # 2	Rashid Ahmad Machine Learning Lecture # 3	Sadia Maryam Haevy Ion Collisions	Sumera Zeeshan LINAC	Students presentations	
11:00 – 11:20		Tea					
11:20 – 12:10		Waqas Ahmed Lecture # 2	Adeel Ur Rehman C++/Python Lecture # 2	Muhammad Waqas Top Quark Physics	Waqas and Ahmad CMSSW Lecture # 4	Closing + Certificates distribution ceremony	
12:10 – 13:00		Shamoon Fawad From Raw Data to Physics	Adeel Ur Rehman C++/Python Lecture # 3	Muhammad Waqas Machine Learning Lab	Waqas and Ahmad CMSSW Lab # 6		
13:00 – 14:00		Lunch					
14:00 – 14:50		Wajid Ali Khan ROOT Lecture	Rashid Ahmad Machine Learning Lab # 1	Waqas and Ahmad CMSSW Lab # 2	Waqas and Ahmad CMSSW Lab # 7		
14:50 – 15:40		Wajid Ali Khan ROOT Lab	Rashid Ahmad Machine Learning Lab # 2	Waqas and Ahmad CMSSW Lab # 3	Waqas and Ahmad CMSSW Lab # 8		
15:40 – 16:10		Tea					
16:10 – 17:00		Discussion	Discussion	Discussion	Discussion		