7TH SCHOOL ON HIGH ENERGY PHYSICS

	Saturday 26 Jan	Sunday 27 Jan	Monday 28 Jan	Tuesday 29 Jan	Wednesday 30 Jan	Thursday 31 Jan
09:00 - 09:30	Registration	The upgrade of the CMS Muon Spectrometer for HL-LHC *A. Colaleo*	Top quark at LHC I *M. Gallinaro*	Dark Matter Searches I *P. Min é*	Dark Matter Searches II *P. Min é*	Lecture *S. C. Moreno*
09:30 - 10:00						
10:00 - 10:30	Opening Session	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break
10:30 - 11:00		Introduction to the Standard Model I *E. Lashin*	Introduction to the Standard Model II *E. Lashin*	Beyond Standard Model I *S. Khalil*	Beyond Standard Model II *S. Khalil*	Student Forum
11:00 - 11:30	Coffee Break					
11:30 - 12:00	An overview of particle physics *U. Husemann*	Higgs Physics for Run 2, HL-LC and future colliders I *N. De Filippis*	Higgs Physics for Run 2, HL-LC and future colliders II *N. De Filippis*	Top quark at LHC II *M. Gallinaro*	Student Forum	
12:00 - 12:30						
12:30 - 01:00	The CMS Muon Spectrometer: Technologies and performance at LHC *A. Colaleo*	Break	Break	Break	Break	Break
01:00 - 01:30						
01:30 - 02:00	Break					
02:00 - 02:30		Tools and Techniques for High-pT Physics I *U. Husemann*	Tools and Techniques for High-pT Physics II *U. Husemann*	Introduction to statistics in particle physics *H. Prosper*	Machine learning in particle physics *H. Prosper*	The LHC detectors upgrades for HL-LHC *L. Dobrzynski*
02:30 - 03:00						
03:00 - 03:30	LHC detectors and their present performances *L. Dobrzynski*	Lecture *G. Iaselli*	Tutorial *U. Husemann*	Tutorial *H. Prosper*	Tutorial *H. Prosper*	Closing session
03:30 - 04:00						
04:00 - 04:30	Lecture *M. A. Shah*	Discussion	Discussion	Discussion	Discussion	
04:30 - 05:00						