

32nd Vietnam School of Physics: Particle Physics and Dark Matter

School dates : July 13 – 24, 2026

Website: <https://indico.in2p3.fr/event/37344/overview>

1) Standard Model (SM): 7 lectures (Manimala Mitra, Institute of Physics, Bhubaneswar, India)

2) Experimental methods and Statistics at the LHC (Exp): 6 lectures (Tae Jeong Kim, Hanyang University, Korea)

3) QCD: 4 lectures (Heribertus Bayu Hartanto, APCTP, Korea)

4) Dark matter (DM): 5 lectures (Tracy Slatyer, Massachusetts Institute of Technology, USA)

5) Beyond SM (BSM): 4 lectures (Rakhi Mahbubani, Boskovic Inst., Zagreb, Croatia)

6) Tools and Monte Carlo (MC): 4 lectures (Leif Lonnblad, Lund, Sweden)

7) Machine Learning for particle physicists (ML): 4 lectures (Bryan Zaldivar, Institut for Corpuscular Physics, CSIC, Spain)

	8:30-10:00	10:00-10:30	10:30-12:00	12:00-13:30	13:30-15:00	15:00-15:30	15:30-17:00
Mon (13)	Arrival						
Tue (14)	Introduction, SM 1	Coffee break	Exp 1 (onl)	Lunch break	SM 2	Coffee break	Exp 2 (onl)
Wed (15)	SM 3		QCD 1		SM 4		QCD 2
Thu (16)	DM 1		QCD 3		SM 5		DM 2
Fri (17)	DM 3		QCD 4		SM 6		Exp 3
Sat (18)	DM 4		Exp 4		SM 7		Exp 5
Sun (19)	Excursion (July 19): 8:15 – 18:00						
Mon (20)	Exp 6	Coffee break	MC 1	Lunch break	ML 1 (onl)	Coffee break	BSM 1
Tue (21)	BSM 2		DM 5		ML 2 (onl)		MC 2
Wed (22)	MC 3		BSM 3		ML 3 (onl)		Student seminars
Thu (23)	BSM 4		MC 4		ML 4 (onl)		Student seminars
Fri (24)	Departure						