

## 22<sup>nd</sup> Rencontres du Vietnam

### 32<sup>nd</sup> Vietnam School of Physics: Particle Physics and Dark Matter

School name : 32<sup>nd</sup> Vietnam School of Physics (VSOP-32): Particle physics and Dark matter

School dates : July 13 – 24, 2026

Venue: [ICISE](#), Quy Nhon Nam, Vietnam

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

#### Tentative scientific programme:

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