

**20<sup>th</sup> Rencontres du Vietnam**  
**30th Vietnam School of Physics (VSOP-30): Particle Physics and Dark Matter**

School dates : July 15 – 26, 2024

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

Website: <https://indico.in2p3.fr/event/32045/>

**Scientific programme:**

- 1) Standard Model (SM): 7 lectures (**Tzu-Chiang Yuan**)
- 2) Experimental methods and Statistics at the LHC (Exp): 6 lectures (**Nicholas Wardle**)
- 3) Dark matter (DM): 5 lectures (**Andreas Goudelis**)
- 4) QCD: 4 lectures (**Jean-Philippe Guillet**)
- 5) Beyond SM (BSM): 4 lectures (**Eung Jin Chun**)
- 6) Tools and Monte Carlo (MC): 4 lectures (**Celine Degrande**)
- 7) Machine Learning for particle physicists (ML): 4 lectures (**Sanmay Ganguly**)

	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 (15)	Arrival						
Tue (16)	Introduction, SM 1	Coffee break	Exp 1	Lunch break	SM 2	Coffee break	Exp 2
Wed (17)	SM 3		Exp 3		SM 4		Exp 4
Thu (18)	SM 5		QCD 1		SM 6		Exp 5
Fri (19)	SM 7		QCD 2		DM 1		Exp 6
Sat (20)	DM 2		QCD 3		DM 3		QCD 4
Sun (21)	Excursion (July 21): 8:15 – 18:00						
Mon (22)	DM 4	Coffee break	MC 1	Lunch break	ML 1	Coffee break	MC 2
Tue (23)	DM 5		MC 3		ML 2		BSM 1
Wed (24)	MC 4		BSM 2		ML 3		Student seminars
Thu (25)	BSM 3		ML 4		BSM 4		Student seminars
Fri (26)	Departure						

**Seminar** sessions are for students to present their theses or research projects in 20 minutes (15 mins talk + 5 mins for questions). Lecturers/organizers are encouraged to attend.

Default option for **dinner** is from 17:30 – 18:30 at ICISE center. After dinner, all participants **go back** to their hotel by the school bus.