

Scientific programme and timing

Quy Nhon, Vietnam, July 25 - August 5, 2022

- 1) Standard Model (SM): Eibun Senaha (7 lectures).
- 2) Experimental methods and physics at the LHC (Exp): Sourabh Dube (6 lectures).
- 3) Dark matter (DM): Jong-Chul Park (6 lectures).
- 4) QCD: Emanuele Re (6 lectures).
- 5) Beyond SM (BSM): Margarete Mühlleitner (5 lectures).
- 6) Tools and Monte Carlo (MC): Kentarou Mawatari (5 lectures).
- 7) Machine Learning for particle physicists (ML): Wolfgang Waltenberger (5 lectures).

| | 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 (25) | Introduction, SM 1 | Coffee break | Exp 1 | Lunch break | SM 2 | Coffee break | Exp 2 |
| Tue (26) | SM 3 | | Exp 3 | | SM 4 | | Exp 4 |
| Wed (27) | SM 5 | | Exp 5 | | SM 6 | | Exp 6 |
| Thu (28) | SM 7 | | QCD 1 | | ML 1 | | QCD 2 |
| Fri (29) | ML 2 | | QCD 3 | | ML 3 | | QCD 4 |
| Sat (30) | ML 4 | | DM 1 | | QCD 5 | | DM 2 |
| Sun | Excursion (July 31): 8:15 - 18:00 | | | | | | |
| Mon (1) | QCD 6 | Coffee break | DM 3 | Lunch break | ML 5 | Coffee break | DM 4 |
| Tue (2) | BSM 1 | | DM 5 | | MC 1 | | DM 6 |
| Wed (3) | BSM 2 | | MC 2 | | BSM 3 | | Free time |
| Thu (4) | MC 3 | | BSM 4 | | MC 4 | | Student seminars |
| Fri (5) | MC 5 | | BSM 5 | | Departure | | 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.