Welcome!

Martijn Mulders

Director, CERN Schools of Physics
On behalf of the international and local organizers of the School
Organizers
(those present at the School today)

• For the International Organizing Committee:
  – Martijn Mulders (Director, CERN Schools of Physics)
  – Markus Elsing (Deputy Director, CERN Schools of Physics)
  – Kate Ross (Administrator, CERN Schools of Physics)

• For the Local Organizing Committee:
  – Gilad Perez (Local Director for 2022 School, Weizmann)
  – Adi Zehavi (Administrator, Weizmann)
Programme for today
(see web pages for the full programme)

09h00 Welcome
09h10 Field Theory & EW Standard Model, Luis Alvarez-Gaumé
10h40 Coffee break
11h00 Higgs Physics, Fabio Maltoni
12h30 Lunch
   + Free time
15h30 QCD, Giulia Zanderighi
17h00 Coffee break
17h30 Discussion sessions – until 19h00
19h00 Welcome drink (only tonight) and Dinner
Lectures

- Lectures last 1h15, plus time for questions
  - Please don’t be shy to ask questions, even if they seem basic to you!
    - During the lectures and also at the end
  - Handouts available before each lecture with printout of the presentation
    - Make notes on your handouts
    - Take them to the discussion sessions
Discussion Groups

• Five discussion groups A, B, C, D, E
  – Each student is assigned to a group
    • Please check the list that we will post to see which group you are in
    • Discussion Leader stays with the same group for the full two weeks
  – Lecturers are invited to visit the groups
    • Help answer detailed questions on their courses
  – Discussion sessions should be driven by questions from the students
    • Please make note of points that you did not understand in the lectures or other questions that you might have
    • Make use of the lecture handouts in preparing your questions
Discussion Leaders

- Discussion Groups
  - Group A: Jasmine Brewer
  - Group B: Gauthier Durieux
  - Group C: Marco Gorghetto (except today: Gilad Perez)
  - Group D: Hyungjin Kim
  - Group E: Davide Pagani

- Discussion sessions are all in this building
  - Groups A and B: in the other half of this auditorium
  - Groups C, D, E: across from the elevator on floors 1, 2 and 3 of this building

- Markus and I would like to brief the discussion leaders after lunch
  - Let’s meet here in the auditorium at 14h00 today
Please!

• Lectures and discussion sessions
  – Attendance is compulsory
  – Arrive on time
  – No laptop computers
  – No phones or other electronic devices
Organization

• School’s Office
  – Kate Ross and Adi Zehavi will be pleased to help in case of questions or problems or requests
  – Our office is located in room 814, on floor 1 of this building
    • School poster is on the door of the office

• Be welcoming and respectful to each other and to other guests in the hotel (CERN code of conduct)

• Schools, Workshops and Conferences are encouraged to have a contact person for any issues of harassment or inappropriate behaviour
  – Kate is the person to contact in case of issues, although we hope that there will not be any at our School
Internet

• There is free wireless internet

• Only to be used outside of lectures and discussion sessions!

• Given the large number of participants we ask you to show restraint in your use of bandwidth
  – Avoid uploading/downloading big files, especially at peak times
  – Make audio rather than video calls with Skype, FaceTime, etc.
  – Etc.
Lunch and dinner

• All meals are served in buffet style:
  – Breakfast 6h30-9h00 ; Lunch 12h30-14h00 ; Dinner at 19h00-20h30
  – People who indicated special diets in the questionnaire should contact Kate when they arrive at the restaurant if they are unsure of the arrangements

• Drinks included with lunch and dinner
  – Water is included (and coffee + tea at breakfast)

• Bar in hotel lobby in afternoon + evening for other drinks, snacks
  – Pay with cash or credit card / phone
Free time activities

• Hotel has an indoor swimming pool, spa, gym
  – Sunday-Thursday 5h30 - 22h00
  – Friday 5h30 - 19h00
  – Saturday 7h30 - 19h00
  You can get pool towels at the hotel reception

• There is a small super-market in the local Kibbutz (village)

• Note: not allowed to buy your own drinks and consume them in public areas of the hotel (but ok inside your room).

• Please be considerate about noise!
  – We are happy for you to have fun evenings, but please do so well away from the sleeping areas - We are not the only guests in the hotel
Other issues

• Drinking water
  – Water available at all meals and coffee breaks
  – Also tap water is safe to drink

• Mobile phones
  – International roaming on mobile phones can be **extremely expensive**
  depending on your phone contract
    • E.g. with my Swiss phone:
      – CHF 2.25 per minute to make voice calls
      – CHF 1.00 per MB for data
      – Receiving calls is also charged

• You need to pay yourself for items not included in the fee
  • Do not charge anything to your rooms, pay with cash or credit card
COVID-19

- No obligation to wear masks - but you can if you feel more comfortable
- No official quarantine or isolation requirements
- We will have masks and COVID Rapid Tests available in the School’s office
  - If you feel any symptoms, please take a test. If positive we will find a solution (e.g. single room) together with the hotel
Enjoy the School!