



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 !