



Welcome!

Nick Ellis

Director, CERN Schools of Physics



Organizers

(those present at School this morning)

- International Organizing Committee members
 - Nick Ellis (Director, CERN Schools of Physics)
 - Martijn Mulders (Deputy Director, CERN Schools of Physics)
 - Kate Ross (Administrator, CERN Schools of Physics)
- Local Organizers
 - Tere Dova, UNLP, Argentina (Chair of local committee)



Programme for today

(see web pages for the full programme)

- 09h00 Welcome
- 09h10 Field Theory and EW Standard Model, **Luis Alvarez-Gaume**
- 10h40 Coffee break
- 11h00 LHC Highlights and Prospects, **Cecilia Gerber**
- 13h00 Lunch
- Free time [see later for available activities]
- 15h30 Practical Statistics for Particle Physicists, **Eilam Gross**
- 17h00 Coffee break
- 17h30 Discussion sessions – until 19h00
- Free time
- 20h00 Welcome drink
- 20h30 Dinner



Lectures

- Lectures last 1h15, plus some 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 discussions groups A, B, C, D, E
 - Each student is assigned to a group
 - Lists will be posted during the day
 - 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 hand-outs in preparing your questions



Discussion Leaders

- Discussion Groups
 - Group A: Nicolás Bernal
 - Group B: Roger Hernández Pinto
 - Group C: Joel Jones-Pérez
 - Group D: Nicolás Neill
 - Group E: Juan Carlos Vasquez Carmona
- Martijn and I would like to meet the discussion leaders after lunch today to explain a few points
 - Meet here in the auditorium at 14h00



Organization

- Secretariat
 - Kate Ross (CERN Schools Administrator) will be pleased to help in case of questions or problems or requests
 - Our secretariat is located near the hotel reception, on the left-hand side of the corridor leading to the hotel bedrooms
 - School poster is on the door of the secretariat
- 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
 - See handout that you received when you arrived for password
- 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.



Please!

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



Lunch and dinner

- Service at table
 - Please come to the restaurant at the indicated time so that service can start promptly
 - People who indicated special diets in the questionnaire should contact Kate when they arrive at the restaurant for lunch if they are unsure of the arrangements
- Drinks included with lunch and dinner
 - One soft drink per person with each meal
 - You can get still water from the dispenser in addition
- Bar open after dinner
 - You should pay in cash / by card
 - No charges on student rooms!



Free time activities

- See hand-out that you received when you arrived for details of free-time activities at the hotel including
 - Swimming pool (indoor and outdoor)
 - Football and tennis
- The centre of Villa General Belgrano is about 30 minutes walk (or 5 minutes by taxi) from the hotel
 - Shops, money exchange, bars, cervecerias, etc.
 - Cervceria “Brunnen” in the town centre is a sponsor and offers a 10% discount if you tell them you are from the Physics School
- 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

- Please take note of the guidance given on the handout that you were given on your arrival
 - Drinking water
 - You can fill up water bottles from the dispensers free of charge
 - Mobile phones
 - International roaming on mobile phones can be extremely expensive depending on your phone contract
 - E.g. with my French phone
 - » USD 2.50 per minute to make voice calls
 - » USD 17.50 per MB for data
 - » Receiving calls is also charged
 - You need to pay yourselves for items that are not included in the fee
 - Should not charge anything to your rooms, pay in cash or with credit card



Afternoon excursion on Saturday

- Programme
 - Leave hotel at 13h00
 - Will take a packed lunch with us
 - Bus to La Cumbrecita
 - Journey about 1 hour
 - Free time in the afternoon
 - Explore the town, shopping, sightseeing, walks to waterfalls, etc.
 - There are bars, tea rooms, etc.
 - See Bulletin for link to tourist agency web site
 - Dinner in restaurant in La Cumbrecita
 - Back at hotel by about 22h30
- We assume that all students and teachers will come
 - **Please let Kate know at the coffee break this morning if this is not the case!**
 - We need to confirm the numbers for dinner in La Cumbrecita
 - Note that no dinner is being arranged at the hotel



Enjoy the School!