

# 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)
  - Giulia Zanderighi (Member from CERN Theory Unit)
- Local Organizers
  - Edgar Carrera, USFQ, Ecuador (Chair)
  - Andrea Ayala, USFQ, Ecuador

# Programme for today

(see web pages for the full programme)

- 09h00 Welcome
- 09h10 Field Theory and EW Standard Model, **John Iliopoulos**
- 10h40 Coffee break
- 11h00 Experimental Facilities at the High Energy Frontier, **Peter Jenni**
- 12h30 Lunch
- Free time [see later for available activities]
- 15h30 Practical Statistics for Particle Physicists, **Louis Lyons**
- 17h00 Coffee break
- 17h30 Discussion sessions – until 18h45
- 19h00 Opening ceremony here, followed by welcome drink
- 20h00 Dinner in usual place
- Bar (“Tavern”) where you can buy drinks after 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!
  - Handouts before each lecture of the slides
    - Insofar as possible
    - 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 are posted on notice board by water dispenser
    - 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: Joel Jones
  - Group B: Leandro Da Rold
  - Group C: Bruce Hoeneisen
  - Group D: Maria Elena Tejeda Yeomans
  - Group E: Fernando Febres Cordero
- We 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 auditorium
    - School poster is on the door of the secretariat
- Notices
  - Check notice board by water dispenser regularly
    - We will put up a note if we need to talk to you

# 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
  - Use Skype with audio only rather than video calls
  - 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
  - People who indicated special diets in the questionnaire should contact Kate Ross if they don't know the arrangements
- Drinks included with lunch and dinner
  - Soft drink or water with the meal
  - Coffee or tea after the meal
- “Tavern” bar open after dinner
  - You must pay in cash – no charges on your rooms!

# Sports and leisure activities

- See hand-out that you received when you arrived for details
- Please be considerate about noise!
  - We are happy for you to have fun evenings, but please do so well away from the sleeping areas
    - Including around the central square where we eat breakfast
    - E.g. use the Taverna

# Other issues

- Please take note of the guidance given on the handout that you were given on your arrival
  - Drinking water
    - It is recommend that you don't drink the tap water
    - You can fill up water bottles from the free dispenser
  - Avoid sunburn
    - The sun here is stronger than you might think!
    - Use hats and sun screen
  - Phones
    - International roaming on mobile phones can be extremely expensive
  - 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

Enjoy the School!