

Student Projects CLASHEP 2017

-- introduction --

Martijn Mulders (CERN)

SUNDAY, 19 MARCH

09:00 → 10:30 **Physics Beyond the Standard Model 2**

Speaker: Myriam Mondragon (UNAM)

10:30 → 11:00

Coffee Break

11:00 → 12:30 **Higgs Physics 1**

Speaker: Leandro Da Rold (Comision Nac. de Energia Atomica Centro Atomico Bariloche (AR))

12:30 → 15:30

Lunch + Free Time

15:30 → 17:00 **Cosmology 2**

Speaker: Rogerio Rosenfeld (Instituto de Física Teórica - UNESP & ICTP-SAIFR & LIneA)

17:00 → 17:30

Coffee Break

17:30 → 18:45 **Discussion Sessions**

19:00 → 20:00

Dinner

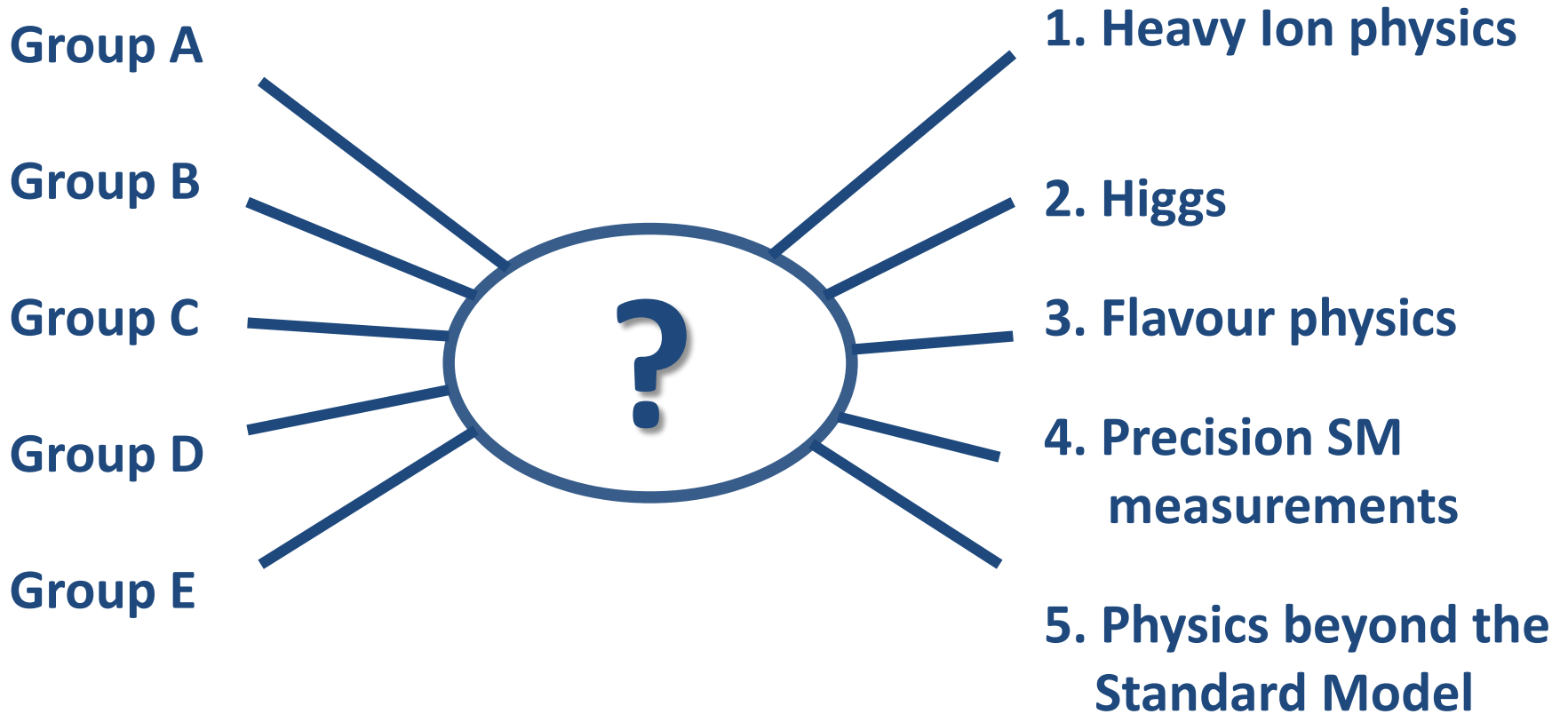
20:30 → 23:30 **Student Projects**

Each Discussion Group:

- Choose one experimental paper, published in a refereed journal, or submitted for publication
- Study and understand in detail all aspects of the analysis described in the paper (trigger, selection, backgrounds, statistical analysis, systematic uncertainties, theoretical interpretation... etc). Follow up references and make use of relevant public-domain material; don't hesitate to ask questions..!
- Prepare a 15-minute presentation of your group's study, to be presented by one student from your group, on Sunday March 19 after dinner
- The order of the talks will be random and there will be a prize for the best presentation, determined by you (1 vote per group)

Further guidelines:

- You should choose a longer article rather than a short letter – **at least 10 pages** of content, not counting abstract, references and author list
- Once you have chosen a paper, **let me know**
- We can provide **paper copies** (for your group) of the paper you select
- You can use **some** time during the discussion sessions to get organized, but most of the work should happen **during “free” time**
- **Work as a team** to decide on a paper, plan and share the work, review progress regularly, combine the contributions, select a speaker to represent you, organize a rehearsal of the talk...
- It is a **student project**: the DL may guide occasionally, but it is up to **you as a team** to select the paper, share the work, monitor progress, and elect the speaker



Enjoy the project!

Questions?