Student Projects AEPSHEP 2018

– introduction –

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Next Sunday, September 23

14:30	--- Coffee Break ---	14:30	--- Coffee Break ---
15:00	**Discussion Session** (until 16:30) ()	**15:00**	**Discussion Session** (until 16:30) ()
16:30	--- Free Time --	16:30	--- Free Time -- -
18:1	--- Dinner ---	18:15	--- Transfer Conference Center - Hotel - --
19:1	**Projects** (until 21:45) ()	19:00	--- Dinner ---
21:45	--- Transfer Conference Center - Hotel - --	**20:00**	**Farewell Party** (until 23:00) ()

Each Discussion Group:

- Choose one experimental paper, published in a refereed journal
- 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
- Prepare a 15-minute presentation of your group's study, to be presented by one student from your group, on Sunday September 23 after dinner
- The order of the talks will be random and there will be a vote to determine the winning presentation (1 vote per group)

Further guidelines:

- It is probably better to choose a longer article 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, etc

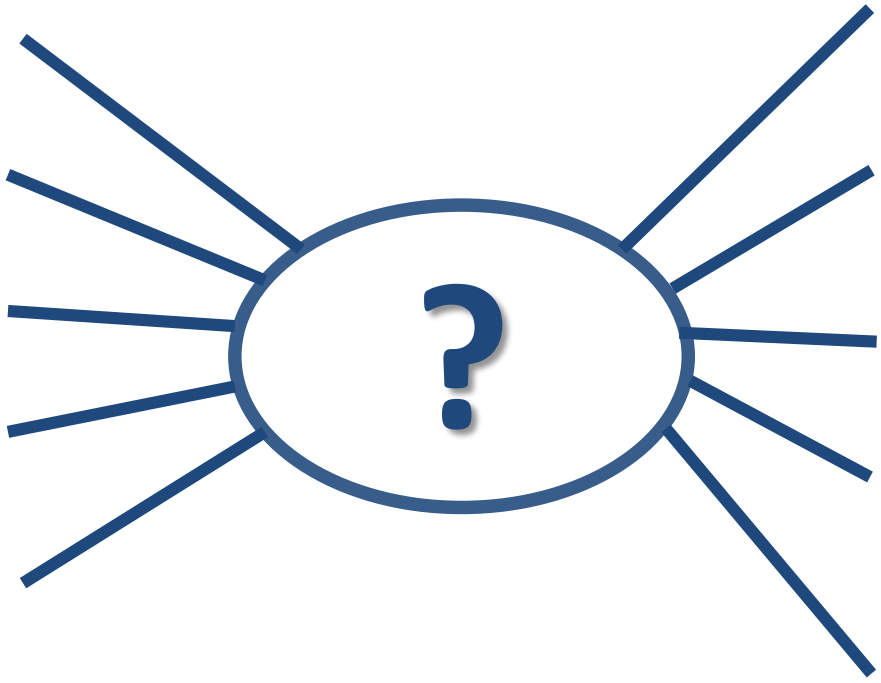
Group A

Group B

Group C

Group D

Group E



1. Searches at the LHC
2. Electroweak measurements at a collider
3. Flavour physics
4. Measurements with jets or hadrons
5. Neutrino physics

Start :	today
Paper choice :	wed 10:30 am
Presentation :	next Sunday

Enjoy the project!

Questions?