

### Welcome!

- This Week
- Your Project
- Contracts, computing, etc
- Mid-term chats
- Final Workshop
- Write-up

### this week

#### Lectures

- 2 introductory lectures in the morning (9:30-11:30)
- Themes: LHC + Detectors + Astroparticles + Structure of Matter
- Videoconference between Lisbon-Coimbra-Braga

### Tutoring discussions

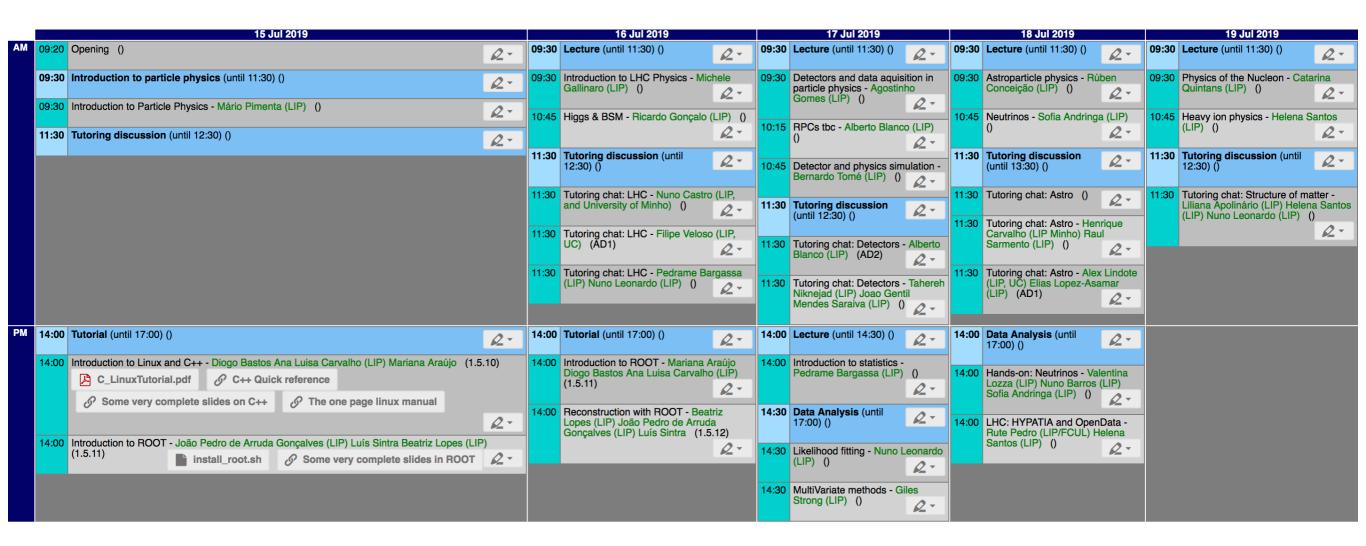
- This is the time (11:30-12:30) to Ask your questions!
- Interactive discussion with a researcher about a topic beyond the lectures

#### Hands-on exercises

- The afternoons (14:00-17:00) are dedicated to hands-on tutorials
- (in Lisbon this take place at FCUL, not 3ls!)

### the agenda

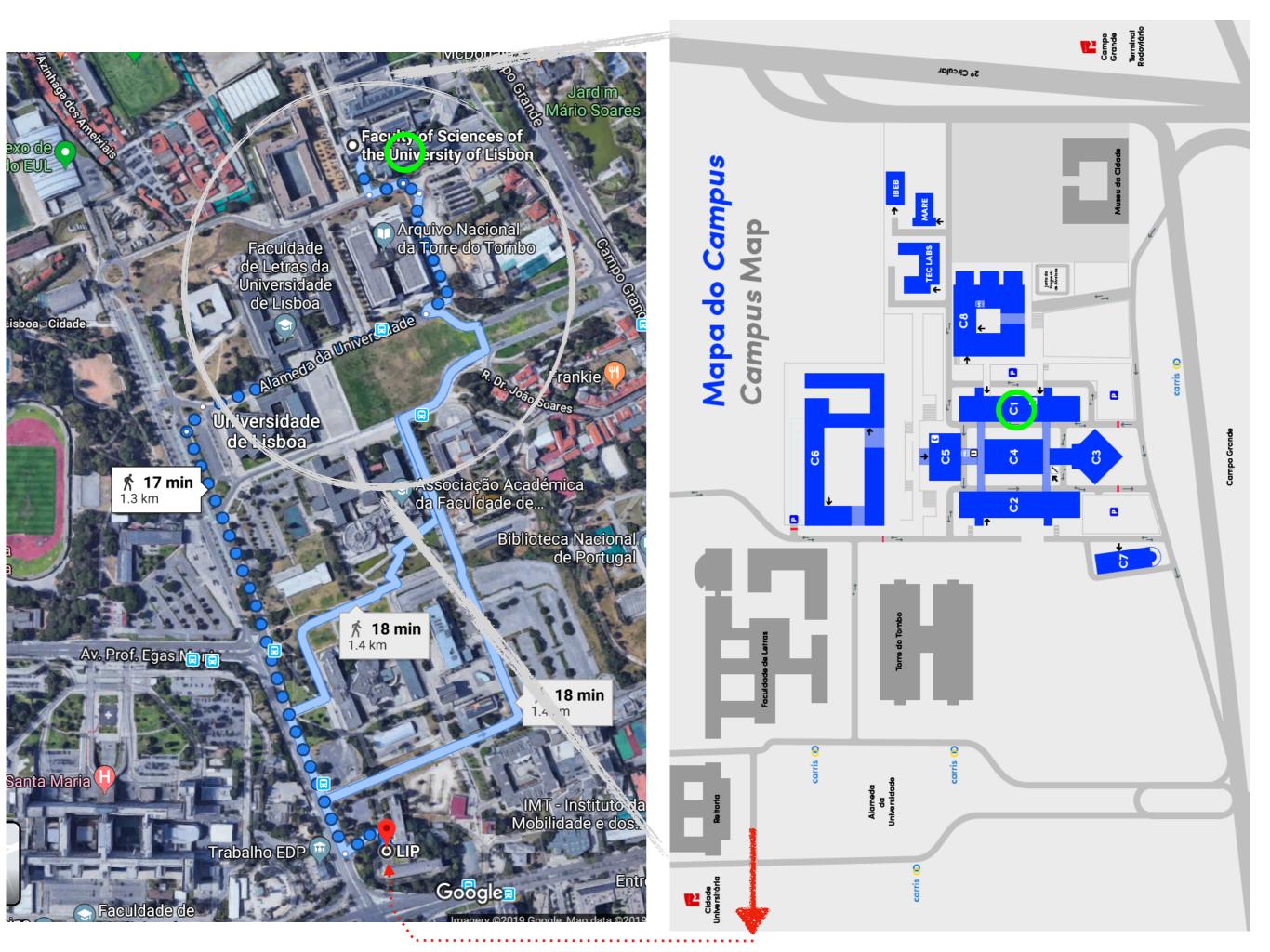
https://indico.lip.pt/event/600/



#### Morning lectures are plenary and broadcasted

#### Tutoring discussions (am) and exercises (pm) run locally and in parallel sessions

- ⇒ students join one discussion led by a researcher on the theme of the day
- ⇒ students pick one hands-on tutorial each afternoon (based on background + preference)



# few starting points

#### Contracts

- the minutes should be ready for your to sign
- if some information is missing please provide it (natalia@lip.pt) asap

### Computing accounts

- accounts on the LIP computing farm whenever needed should be set up
- you can connect to it from your own work laptop (helpdesk@lip.pt)

### Office / Lab space

- several rooms are made available for you to use during your internship
- you should arrange for this with your supervisor

# Your project

- each of You will integrate an assigned research project
- everything related to the project planing, development, dates, etc — is arranged entirely between the student and his/her supervisor(s)

This morning students should meet their supervisor(s)
if not yet done! — and briefly discuss the first steps and organisation of the project.

# mid-term gatherings

- during the summer period we may plan some activities, so we all get to know each other better
- there will be the possibility of short meetings where students may briefly present themselves and what they are up to in their projects (to fellow students and LIP researchers)
- other social events may materialize as well at the different poles, e.g. last year we had a "sardinhada" at 3ls downstairs

## final workshop

- When: September 4-5th (mark the date!)
- Where: Lisbon 3Is (auditorium)

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https://indico.lip.pt/event/601/
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- What:
  - each student presents an introduction to and summary of her/his work
  - to fellow students and LIP researchers
  - (you may check the format from previous years:)
  - https://www.lip.pt/training/summer-student-program/index.php?option=150
- This event formally marks the end of this year's summer program

## paper write-up

- this year the students will have the opportunity to produce a write-up document describing the work they have performed
- the format is O(5)-page long paper-like research document
- the document will be shared in a public repository (and be referenced in CV's) after light refereeing by the supervisors
- all students are strongly encouraged to produce such a report so it can be published by mid October
- the abstract is further published in the LIP News magazine
- note: further details will be later circulated in the mailing list