

LHC School - PRELIMINARY PROGRAM

1st week

| | 01/04 | 02/04 | 03/04 | 04/04 | 05/04 | 06/04 |
|-------------|------------------------------|---------------------------|---------------------------|------------------------------|------------------------------|--------------------------------------|
| | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
| 9:00-10:30 | Quigg I | Quigg III | Quigg V | Lykken II | Lykken IV | Pontón III |
| 10:30-11:00 | Coffee | Coffee | Coffee | Coffee | Coffee | Coffee |
| 11:00-12:30 | de Florian I | de Florian II | de Florian III | Pontón I | Pontón II | Seminars Deandrea Cacciapaglia |
| 12:30-14:00 | LUNCH | LUNCH | LUNCH | LUNCH | LUNCH | LUNCH |
| 14:00-15:30 | Quigg II | Quigg IV | Discussion | Lykken III | Lykken V | Free |
| 15:30-16:00 | Coffee | Coffee | Coffee | Coffee | Coffee | |
| 16:00-17:00 | Discussion | Discussion | Lykken I (till 17:30) | Discussion | Discussion | |
| 17:30-19:30 | Exercises and Projects | Exercises and Projects | Exercises and Projects | Exercises and Projects | Exercises and Projects | |

2nd week

| | 08/04 | 09/04 | 10/04 | 11/04 | 12/04 |
|-------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------|
| | Monday | Tuesday | Wednesday | Thursday | Friday |
| 9:00-10:30 | Pontón IV | Pontón V | Carena III | Chacko II | Chacko IV |
| 10:30-11:00 | Coffee | Coffee | Coffee | Coffee | Coffee |
| 11:00-12:30 | Belyaev I | Belyaev II | Belyaev III | Belyaev IV | Belyaev V |
| 12:30-14:00 | LUNCH | LUNCH | LUNCH | LUNCH | LUNCH |
| 14:00-15:30 | Carena I | Carena II | Chacko I | Chacko III | Presentation |
| 15:30-16:00 | Coffee | Coffee | Coffee | Coffee | Coffee |
| 16:00-17:00 | Discussion | Discussion | Discussion | Discussion | Presentation |
| 17:30-19:30 | Exercises and Projects | Exercises and Projects | Exercises and Projects | Exercises and Projects | Presentation |

Lectures:

Chris Quigg – Standard Model

Daniel de Florian – QCD

Joe Lykken – Collider Physics

Eduardo Pontón – Extra dimensions

Marcela Carena – Introduction to SUSY

Zackaria Chacko – Little Higgs, SUSY breaking

Sasha Belyaev – Numerical tools for the LHC