CERN Summer Student Lecture Program 2019

Thierry Gys
Andrea Wulzer

on behalf of the SSLP committee
Goals

With these lectures we should:

• Give an overview of what we do at CERN and why
• Teach some physics/statistics/computing/engineering/…
• All this, to a varied audience.
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Aim is not to teach you how to e.g. build an accelerator. We give you basic concepts and ideas, to further stimulate your interest in science.
## Programme Overview

<table>
<thead>
<tr>
<th>Accelerator</th>
<th>Particle Accelerators and beam dynamics</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Accelerator technology technology challenges</td>
</tr>
<tr>
<td></td>
<td>Future high-energy collider projects</td>
</tr>
<tr>
<td>Detectors</td>
<td>Detectors</td>
</tr>
<tr>
<td></td>
<td>Electronics, DAQ and triggers</td>
</tr>
<tr>
<td>Experiment</td>
<td>Particle World</td>
</tr>
<tr>
<td></td>
<td>From raw data to physics results</td>
</tr>
<tr>
<td></td>
<td>Experimental physics at hadron colliders</td>
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<td></td>
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<tr>
<td></td>
<td>Physics and medical applications</td>
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<td></td>
<td>Heavy Ions</td>
</tr>
<tr>
<td></td>
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<tr>
<td></td>
<td>Flavour Physics</td>
</tr>
<tr>
<td></td>
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<thead>
<tr>
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All subjects are inextricably linked
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CERN is great because it brings them together

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Lecture program designed as pedagogical overview of all topics.

You are not expected to understand everything in all courses.

But in all courses there will be something you can learn.

Attend the lectures, even on topics you think you don’t care.

Otherwise you will not get the spirit of CERN!
Practical Information

Lectures every morning at 9:15, 10:25, 11:35, here (Main Auditorium)

- lectures are 45’
- followed by 10’ questions (stay in the room !)
- and by 15’ coffee break

Use back door if you are late

Follow lecture actively

- unfortunately there is WiFi in the room, don’t get distracted !
- try the exercises the lecturer may propose
- **ASK QUESTIONS!** lecturers love that, there are no stupid questions!

Lecture slides and recording available online [https://indico.cern.ch/category/345/]
Instructions in backup
Feedback Questionnaire !!

You will be asked to fill one (anonymous) questionnaire for each course.

**DO THAT !**

Your evaluation is carefully reviewed by the SSLP committee. Helps us a lot to improve the program.
The SSLP committee:

- Eszter Badinova (HR)
- Adriana Bejaoui (HR)
- Ana Dordevic (HR)
- Kfir Blum (TH)
- Francesco Cerutti (EN)
- Maria Girone (IT)
- Richard Hawkings (EP)
- Bernhard Holzer (BE/ABP)

The SSLP committee chairs

- Thierry Gys (EP)  thierry.gys@cern.ch
- Andrea Wulzer (TH)  andrea.wulzer@cern.ch

For administrative and scheduling questions:  summer.student.info@cern.ch
More introduction to follow …

<table>
<thead>
<tr>
<th>Time</th>
<th>Duration</th>
<th>Event Description</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>15m</td>
<td>Welcome and Introduction to Lecture Programme</td>
<td>Andrea Wulzer (CERN and EPFL), Thierry Gys (CERN)</td>
</tr>
<tr>
<td>09:15</td>
<td>5m</td>
<td>Introduction to openlab lectures</td>
<td>Kristina Gunne (CERN)</td>
</tr>
<tr>
<td>09:20</td>
<td>20m</td>
<td>Computer Security at CERN</td>
<td>Sebastian Lopienski (CERN)</td>
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<td>09:40</td>
<td>10m</td>
<td>Library Service</td>
<td>Salome Alexandra Rohr (CERN)</td>
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<tr>
<td>09:50</td>
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<td>Summer Student Workshops</td>
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Introduction to openlab lectures

Speaker: Kristina Gunne (CERN)

Computer Security at CERN

Speaker: Sebastian Lopienski (CERN)

Library Service

Speaker: Salome Alexandra Rohr (CERN)

Summer Student Workshops

Speaker: Niko Neufeld (CERN)
Enjoy CERN, your project, and the lectures !!
Backup Slides
### Summer Student Lecture Programme Course

There are 59 events in the future. Show

<table>
<thead>
<tr>
<th>June 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>29 Jun</td>
</tr>
<tr>
<td>29 Jun</td>
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<td>29 Jun</td>
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There are 1656 events in the past. Show