

Introduction

Student Outreach Presentations

September 15, 2019

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The 2019 European School of High-Energy Physics

St. Petersburg, Russia, 4-17 September 2019

Friday September 6: Outreach event in St Petersburg



live stream at:

<https://vk.com/cernach>

96,936 views



The 2019 European School of High-Energy Physics

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Last Monday: Media/Outreach training



Tonight: outreach-style presentations

- One presentation per student discussion group
- Prepared at this School as **a collaborative group project**, during the (limited) “free” time
- **A special welcome to the jury** who will provide feedback and determine a winning presentation
 - chair: **Kate Shaw** (Univ of Sussex, ICTP)
 - **Veronica Sanz** (Univ of Sussex)
 - **Roger Barlow** (Univ of Huddersfield)

The topics

- A : Precision measurements at the LHC
- B : Heavy ion physics
- C : Searches at the LHC
- D : Neutrino physics
- E : Future linear colliders
- F : Future circular colliders

- The order of the presentations will be **random**
- Maximum time per talk is **7 minutes**
- “General public” + jury can ask questions (max 3 minutes)
- The jury will give feedback and determine a winning presentation
- There will also be a **student vote** : each student group will be asked to rank the other groups
- As announced previously, we will **record the presentations** and put the video files on our public INDICO web pages
 - material from previous years has been used in science communication events eg for showing to high-school students

Criteria

1. **Content:** the content must be scientifically correct, and well chosen to suit the audience
2. **Clarity:** critical for effective science communication... the structure of the talk is important, and judges and audience should be able to understand the scientific concept chosen
3. **Connection / inspiration and enthusiasm:** the audience and judges should be left inspired and enthused about science

Use what you have learned from the Outreach & Media training !
(Audience, Impact, Language)

Programme

- Introduction (15 minutes)
- Talk 1 – 6, in random order. For each talk:
 - Presentation (**7 minutes**)
 - Questions (maximum 3 minutes)
- Deliberations of the jury (15 minutes)
 - In parallel in the lobby: student vote ; ranking per group
- Feedback from the jury and decision (10 minutes)
+ result of public vote



Informal discussions can continue afterwards in the bar !!