

Session Program

29 April 2018 to 11 May 2018



Dutch High-School Students Internship Programme 2018

Final Presentations

CERN

Friday 11 May

13:30

Final Presentations

Session | Location: CERN, 40/S2-A01 - Salle Anderson

14:00-14:10 **Introduction**

14:10-14:25 **Secondary Beams and Experimental Areas**

Speakers

Mr Sjoerd Reinhoudt, Mr Thijs Hoevenaars

14:25-14:40 **CERN Central Cryogenic Laboratory (CryoLab)**

Speakers

Mr Koen de Vries, Mr Matthijs van de Poel, Mr Twan Terpstra

14:40-14:55 **Vacuum Coatings**

Speakers

Mr Peter Jongenburger, Mr Thijs Vernooij, Mr Tijs Aarts

14:55-15:10 **Beam quality throughout the LHC injector chain**

Speakers

Mrs Jasmijn Tromp, Mr Wiebe Flamman

15:10-15:25 **Running REX-IBIS for HIE-ISOLDE**

Speakers

Mr Jochanan Maaijen, Mr Romme van der Kemp, Mrs Veerle Hoedemaker

15:25-15:45 **Short Break**

15:45-16:10 **Particle Physics in CMS**

Speakers

Mrs Annemarijn Zwerver, Mr Gijs Pennings, Mr Leander van Wijlick, Mr Maurits van Altvorst, Mr Reinier de Waard

16:10-16:25 **Simulation code optimisation**

Speakers

Mr Annejan van den Dool, Mr Jard van Roest, Mr Renze Vroom

16:25-16:40 **Superconducting Detector Magnet Design**

Speakers

Mr Daniel Norbart, Mr Ole Grootes, Mr Tim van Dijk

16:40-17:00 **Closure of the HSSIP-NL-2018**

17:40