

Session Program

3-16 Sept 2017



**Bulgarian High-School Students Internship
Programme 2017**

Projects

CERN

Friday 15 September

09:00

13:00

14:30

Projects

Session | Location: CERN

Projects: Final Presentations and Closing Session

Session | Location: CERN, 6/2-024 - BE Auditorium Meyrin

15:00-15:15 Physics Analysis at the CMS Experiment

Speakers

Mr Kaloyan Botev, Mrs Simona Todorova

15:15-15:30 The Quench Protection System for the LHC accelerators

Speakers

Mr Marko Ivanov, Mr Martin Grigorov

15:30-15:45 CMS RPC Detector and Gas System Operation and Monitoring

Speaker

Mr Rusko Ruskov

15:45-16:00 Monte Carlo modelling using CMSSW

Speakers

Mr Dimitar Tomov, Mrs Tsvetelina Stefanova, Mr Viktor Baltin

16:00-16:15 Open Source Systems for Secrets Storage

Speakers

Mr Dimitar Oparlakov, Mrs Irina Hristova

16:15-16:30

Introduction to CMS Computing Infrastructure / Computer-Aided Design, Enterprise Asset Management and Engineering Data Management for the LHC Accelerator

Speakers

Mr Alexandar Georgiev, Mr Ivan Ganev

16:30-16:40 Coffee Break

16:40-16:55 CMS RPC Detector and RPC HV Conditioning Study

Speaker

Mr Aleksandar Georgiev

16:55-17:10 High-precision mass measurements of radioactive isotopes

Speakers

Mrs Elena Stoeva, Mr Stefan Ivanov

17:10-17:25 ATLAS GRID Operations and Monitoring

Speakers

Mr Feodor Konomaev, Mr Nikolay Kolev, Mr Zvezdin Besarabov

17:25-17:45

Physics simulation in the ALICE experiment

Speakers

Mr Anton Uzunoff, Mrs Nia Vasileva

17:45-18:05

Methods and tools enabling the distributed computing in ALICE

Speakers

Mrs Dzhemma Ruseva, Mrs Nina Dimova

18:05-18:25

Looking for strange particles in ALICE

Speakers

Mr Chavdar Lalov, Mr Dobrin Barakov

18:30