

Session Program

8-12 Jan 2018



7th International Conference on High Energy Physics in the LHC Era

Plenary session

Universidad Técnica Federico Santa María, Valparaíso, Chile, Building A, Centro de Extensión
Avda. España 1680, Valparaíso, Chile

Monday 8 January

09:15

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Eugene Levin

09:15–09:35 Lev Lipatov Recollections - I

Speaker

Jochen Bartels

Location

Building A, Salón de Honor

09:35–09:55 Lev Lipatov Recollections - II

Speaker

Stanley J. Brodsky

09:55–10:30 QCD: Our Weight on its Shoulders

Speaker

Craig Roberts

10:30

11:00

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Marcelo Loewe

11:00–11:35 CMS Physics results

Speaker

Paolo Spagnolo

11:35–12:10 ATLAS Highlights

Speaker

Oliver Stelzer-Chilton

12:10–12:45 Overview of ALICE results on hard probes of the quark-gluon plasma

Speaker

Miguel Ignacio Arratia Munoz

12:45

Tuesday 9 January

08:30

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Edson Carquin Lopez

08:30–09:05

Advanced Virgo Results and the Birth of Gravitational Wave Detection Multimessenger Astronomy

Speaker

Fabio Garufi

09:05–09:40

Gravitational-wave observations of compact binaries with LIGO and Virgo

Speaker

Christopher Berry

09:40–10:15

Recent results from the Pierre Auger Observatory and the AugerPrime upgrade

Speaker

Xavier Bertou

10:15–10:50

The Cherenkov Telescope Array (CTA)

Speaker

Andreas Reisenegger

10:50

11:15

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Antonio Enrique Cárcamo Hernández

11:15–11:50

Lepton Flavour Universality in B decays

Speaker

Ferruccio Feruglio

11:50–12:25

Grand Unified Theories of Flavour

Speaker

Steve King

12:25–13:00

Lepton Number Violation at Low and High Energies

Speaker

Frank Deppisch

13:00

Thursday 11 January

08:30

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Edson Carquin Lopez

08:30–09:05

Supersymmetric features of hadron physics and other model properties of quantum chromodynamics from Light-Front Holography and Superconformal Algebra

Speaker

Stanley J. Brodsky

09:05–09:40

Recent ATLAS results on ultra-peripheral collisions in Heavy Ion collisions at the LHC

Speaker

Brian Cole

09:40–10:15

DVCS and GPDs with CLAS

Speaker

Latifa Elouadrhiri

10:15–10:50

Classical and quantum dynamics of higher-derivative systems

Speaker

Prof. Andrei Smilga

10:50

11:25

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Dr Maximiliano Rivera

11:25–12:00

Stable Tetraquarks and Their Observation

Speaker

Estia Eichten

12:00

Friday 12 January

08:30

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Taisiya Mineeva

08:30–09:05

Recent Results from the ATLAS Heavy Ion program

Speaker

Martin Spousta

09:05–09:40

Studying the bulk properties of matter under extreme conditions with ALICE

Speaker

David Dobrigkeit Chinellato

09:40–10:15

Star Overview

Speaker

Alexandre Alarcon Do Passo Suaide

10:15–10:50

Science and Status of the US EIC

Speaker

Abhay Deshpande

10:50

11:15

Plenary session

Session | **Location:** Building A, Salón de Honor | **Convener:** Oscar Castillo-Felisola

11:15–11:50

The GlueX Experiment: Status and Latest Results

Speaker

David Mack

11:50–12:25

Measurement of the weak charge of the proton with Qweak

Speaker

Cipriani Gal

12:25–13:00

Physics Motivations for Future Colliders

Speaker

Tao Han

13:00