Session Program

Jan 8 – 12, 2018

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

Plenary session

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

Mon, January 8

9:15 AM

Plenary session

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

9:15 – 9:35 AM **Lev Lipatov Recollections - I**

Speaker
Jochen Bartels

Location
Building A, Salón de Honor

9:35 – 9:55 AM **Lev Lipatov Recollections - II**

Speaker
Stanley J. Brodsky

9:55 – 10:30 AM **QCD: Our Weight on its Shoulders**

Speaker
Craig Roberts

10:30 AM

11:00 AM

Plenary session

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

11:00 – 11:35 AM **CMS Physics results**

Speaker
Paolo Spagnolo

11:35 AM – 12:10 PM **ATLAS Highlights**

Speaker
Oliver Stelzer-Chilton

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

Speaker
Miguel Ignacio Arratia Munoz

12:45 PM

Tue, January 9

8:30 AM

Plenary session

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

8:30 – 9:05 AM

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

Speaker
Fabio Garufi

9:05 – 9:40 AM

Gravitational-wave observations of compact binaries with LIGO and Virgo

Speaker
Christopher Berry

9:40 – 10:15 AM

Recent results from the Pierre Auger Observatory and the AugerPrime upgrade

Speaker
Xavier Bertou

10:15 – 10:50 AM

The Cherenkov Telescope Array (CTA)

Speaker
Andreas Reisenegger

10:50 AM

11:15 AM

Plenary session

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

11:15 – 11:50 AM

Lepton Flavour Universality in B decays

Speaker
Ferruccio Feruglio

11:50 AM – 12:25 PM

Grand Unified Theories of Flavour

Speaker
Steve King

12:25 – 1:00 PM

Lepton Number Violation at Low and High Energies

Speaker
Frank Deppisch

1:00 PM

Thu, January 11

8:30 AM

Plenary session

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

8:30 – 9:05 AM

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

Speaker
Stanley J. Brodsky

9:05 – 9:40 AM

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

Speaker
Brian Cole

9:40 – 10:15 AM

DVCS and GPDs with CLAS

Speaker
Latifa Elouadrhiri

10:15 – 10:50 AM

Classical and quantum dynamics of higher-derivative systems

Speaker
Prof. Andrei Smilga

10:50 AM

11:25 AM

Plenary session

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

11:25 AM – 12:00 PM

Stable Tetraquarks and Their Observation

Speaker
Estia Eichten

12:00 PM

Fri, January 12

8:30 AM

Plenary session

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

8:30 – 9:05 AM **Recent Results from the ATLAS Heavy Ion program**

Speaker
Martin Spousta

9:05 – 9:40 AM
Studying the bulk properties of matter under extreme conditions with ALICE

Speaker
David Dobrigkeit Chinellato

9:40 – 10:15 AM **Star Overview**

Speaker
Alexandre Alarcon Do Passo Suaide

10:15 – 10:50 AM **Science and Status of the US EIC**

Speaker
Abhay Deshpande

10:50 AM

11:15 AM

Plenary session

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

11:15 – 11:50 AM **The GlueX Experiment: Status and Latest Results**

Speaker
David Mack

11:50 AM – 12:25 PM **Measurement of the weak charge of the proton with Qweak**

Speaker
Cipriani Gal

12:25 – 1:00 PM **Physics Motivations for Future Colliders**

Speaker
Tao Han

1:00 PM