

Session Program

Jul 10 - 17, 2019



EPS-HEP2019

Plenary session

Ghent

International Convention Center and Ghent University - Campus Ledeganck, Ghent, Belgium

Mon, July 15

9:00 AM

Plenary session: Monday AM

Session | **Location:** Ghent, ICC - Auditorium | **Conveners:** Barbara Erazmus, Joao Varela

9:00 – 10:30 AM **Welcome and Prize ceremony**

10:30 – 11:00 AM **LHC collider status and future**

Speaker

Oliver Bruning

11:00 – 11:30 AM **Coffe break**

11:30 AM – 12:00 PM **Highlights from the ATLAS Experiment**

Speaker

Andreas Hoecker

12:00 – 12:30 PM **Highlights from the CMS Experiment**

Speakers

Wolfgang Adam, Wolfgang Adam

12:30 – 1:00 PM **Higgs measurements**

Speaker

Roberto Salerno

1:00 PM

2:00 PM

Plenary session: Monday PM

Session | **Location:** Ghent, ICC - Auditorium | **Conveners:** Fabio Maltoni, Thomas Gehrmann

2:00 – 2:30 PM **Higgs Theory**

Speaker

Francesco Riva

2:30 – 3:00 PM **Standard Model Measurements**

Speaker

Lucia Di Ciaccio

3:00 – 3:30 PM **Standard Model Theory**

Speaker

Giulia Zanderighi

3:30 – 4:00 PM **Calculational Techniques**

Speaker

Claude Duhr

4:00 – 4:30 PM **Coffee break**

4:30 – 5:00 PM **Searches for Supersymmetry**

Speaker
Isabell Melzer-Pellmann

5:00 - 5:30 PM **Searches for Exotica**

Speaker
Marie-Helene Genest

5:30 - 6:00 PM **Beyond Standard Model Theory**

Speaker
Giuliano Panico

6:00 - 6:30 PM **Quantum Field and String Theory**

Speakers
Hiroshi Ooguri, Hiroshi Ooguri

6:30 PM

Tue, July 16

9:00 AM

Plenary session: Tuesday AM

Session | **Location:** Ghent, ICC- Auditorium | **Conveners:** Mauro Mezzeto, Valerie Gibson

9:00 – 9:30 AM Highlights from the LHCb Experiment

Speaker

Katharina Mueller

9:30 – 10:00 AM Rare decays, exotica and CP Violation

Speaker

Johannes Albrecht

10:00 – 10:30 AM BELLE II and flavor physics in e+e-

Speaker

Francesco Forti

10:30 – 11:00 AM Flavour physics theory

Speakers

Marco Nardecchia, Marco Nardecchia, Marco Nardecchia

11:00 – 11:30 AM Coffee break/Poster session

11:30 AM – 12:00 PM Gravitational Waves Observations

Speaker

Patricia Schmidt

12:00 – 12:30 PM Multimessenger astroparticle physics observations

Speaker

Elisa Bernardini

12:30 – 1:00 PM High-energy Cosmic Rays

Speakers

Barbara De Lotto, Barbara de Lotto

1:00 – 1:05 PM ORIGIN Poetics 2019

1:05 PM

2:30 PM

Plenary session: Tuesday PM

Session | **Location:** Ghent, ICC - Auditorium | **Conveners:** Claudia Wulz, Ivica Puljak

2:30 – 3:00 PM Neutrino Physics from Natural and Reactor Beams

Speaker

Gioacchino Ranucci

3:00 – 3:30 PM Neutrino physics from Particle Beam

Speaker

Francesca Di Lodovico

3:30 - 4:00 PM

Neutrino theory

Speaker

Silvia Pascoli

4:00 - 4:30 PM

Coffee break/Poster session

4:30 - 5:00 PM

Direct and Indirect Dark Matter Searches

Speaker

Carlos de los Heros

5:00 - 5:30 PM

Axion Searches

Speaker

Igor Garcia Irastorza

5:30 - 6:00 PM

Dark Matter Theory

Speaker

Kfir Blum

6:00 PM

Wed, July 17

9:00 AM

Plenary session: Wednesday AM

Session | **Location:** Ghent, ICC - Auditorium | **Conveners:** Barbara Erazmus, Beate Heinemann

9:00 – 9:30 AM Highlights from the ALICE experiment

Speaker

Marco Van Leeuwen

9:30 – 10:00 AM Emergence of Quark-Gluon Plasma Phenomena

Speaker

Jan Fiete Grosse-Oetringhaus

10:00 – 10:30 AM High-density QCD Matter

Speaker

Dennis Perepelitsa

10:30 – 11:00 AM Dense QCD Matter in Heavy Ion collisions and Neutron Stars

Speaker

Carlos Albert Salgado Lopez

11:00 – 11:30 AM Coffee break

11:30 AM – 12:00 PM Observational Cosmology

Speaker

Francois Bouchet

12:00 – 12:30 PM Cosmology Theory

Speaker

Leonardo Senatore

12:30 – 1:00 PM Future Astroparticle Facilities

Speaker

Marek Kowalski

1:00 – 1:05 PM Proceedings Announcement

1:05 PM

2:00 PM

Plenary session: Flash talks

Session | **Location:** Ghent, ICC - Auditorium | **Convener:** John Jowett

2:30 PM

2:30 PM

Plenary session: Wednesday PM

Session | **Location:** Ghent, ICC - Auditorium | **Conveners:** Barbara Erazmus, John Jowett

2:30 – 3:00 PM Novel Data-Analysis Techniques

Speaker

David Rousseau

3:00 – 3:30 PM **Detector R&D Collider Experiments**

Speaker

Didier Claude Contardo

3:30 – 4:00 PM **Detector R&D non-Collider Experiments**

Speaker

Ezio Previtali

4:00 – 4:30 PM **Future Accelerator R&D**

Speaker

Ralph Wolfgang Assmann

4:30 – 5:00 PM **Highlights**

Speaker

Jonathan Butterworth

5:00 – 5:30 PM **Announcement of EPS-HEP 2021 and Closing**

Speakers

Christian Schwanenberger, Michael Tytgat

5:30 PM