

Session Program

4-12 Jul 2018



7th International Conference on New Frontiers in Physics (ICNFP2018)

Main Conference Session

Friday 6 July

11:00

Main Conference Session

Session | Location: Room 1 | Convener: Francesco Noferini

11:00–11:30 Higgs physics at ATLAS

Speaker
Diane Cinca

11:30–12:00 Probing the Electroweak Sector and QCD with the ATLAS Detector

Speaker
Yusheng Wu

12:00–12:30 Higgs (CMS)

Speaker
Claudio Caputo

12:30–13:00 Flavour Anomalies in Rare Decays at LHCb

Speaker
Katharina Mueller

13:00–13:30 CP violation in B decays at LHCb

Speaker
Katharina Mueller

13:30

15:00

Main Conference Session

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15:00–15:30 Search for narrow and broad dijet resonances at CMS

Speaker
Robert Harris

15:30

Monday 9 July

16:55

Main Conference Session

Session | **Location:** Room 1

16:55–17:20

Non-Perturbative Superpotentials in Heterotic String Theory

Speaker

Prof. Burt Ovrut

17:20–17:50

Towards a basic gauging of space orientation - the sole seed of local field interactions

Speaker

Prof. Peter Minkowski

17:50–18:20

Search for Dark Matter at the LHC with the ATLAS and CMS Detectors

Speaker

Nicolo' Trevisani

18:25

Tuesday 10 July

16:30

Main Conference Session

Session | **Location:** Room 1

16:30–16:50

Self-anisotropizing inflationary universe in Horndeski theory and beyond

Speaker

Junichi Yokoyama

16:50–17:10

Flavour Mixing, Neutrino Oscillations and Neutrino Masses

Speaker

Harald Fritzsch

17:30

Wednesday 11 July

11:00

Main Conference Session

Session | **Location:** Room 1 | **Convener:** Albert De Roeck

11:00–11:30

The MoEDAL Experiment at the LHC - a Progress Report from the High Energy Frontier

Speaker

Prof. James Pinfold

11:30–12:00

The Belle II Experiment: Status and Prospects

Speaker

Paolo Branchini

12:00–12:30

Hadron collider searches for new physics with boson pairs

Speaker

Tommaso Dorigo

12:30–13:00

Upgrades, future plans and prospects (CMS)

Speaker

Colin Jessop

13:00

Thursday 12 July

11:00

Main Conference Session

Session | Location: Room 1

11:00–11:30

Spontaneous mu-tau symmetry breaking in neutrino phenomenology

Speaker

Zhi-zhong Xing

11:30–12:00

Latest results from the T2K neutrino experiment

Speaker

Dean Karlen

12:00–12:30

Highlight talk from Super-Kamiokande

Speaker

Dr Yuuki Nakano

12:30–13:00

The ICARUS experiment

Speaker

Dr Christian Farnese

13:00–13:30

Observation of extremely high energy cosmic rays with the Telescope Array experiment

Speaker

Masahiro TAKEDA

13:30

15:00

Main Conference Session

Session | Location: Room 1

15:00–15:30

The Pierre Auger Observatory: review of latest results and perspectives

Speaker

Dariusz Gora

15:30–16:00

Searches for Long Lived Particles: Status and new ideas

Speaker

Albert De Roeck

16:00

16:00

Main Conference Session

Session | Location: Room 1

16:30–17:00

Dark Matter and Baryon asymmetry production during inflation

Speaker

Prof. Dmitry Gorbunov

17:00–17:30

“Supersymmetric Features of Hadron Physics and other Novel Properties of Quantum Chromodynamics from Light-Front holography and Superconformal Algebra”

Speaker

Prof. Stanley J. Brodsky

17:30–18:00

Closing of the conference

18:00