

Session Program

16-20 Sept 2019



LC2019 - QCD on the light cone: from hadrons to heavy ions

Special session

Ecole Polytechnique, Palaiseau, France, Amphithéâtre Sophie Germain
Centre Inria Saclay - Île-de-France Bâtiment Alan Turing 1 rue Honoré d'Estienne d'Orves Campus de l'École
polytechnique 91120 Palaiseau

Friday 20 September

14:45

Special session: Zero modes

Session | **Location:** Alan Turing Building, Amphithéâtre Sophie Germain | **Convener:** Matthias Burkardt

14:45-15:15 **Much ado about nothing - an introduction to the LF vacuum**

Speaker

Matthias Burkardt

15:15-15:45 **Structure of light front vacuum sector**

Speaker

Philip Mannheim

15:45-16:00 **Discussion**

16:00

16:30

Special session: Zero modes

Session | **Location:** Alan Turing Building, Amphithéâtre Sophie Germain | **Convener:** Matthias Burkardt

16:30-17:00 **Non-perturbative aspects of light-front quantisation**

Speaker

Peter Lowdon

17:00-17:30 **The Delta Functions in PDFs and the QCD Vacuum Structure**

Speaker

Fatma Aslan

17:30-17:50 **Ward-Takahashi Identity on the Light Front**

Speaker

João Pacheco De Melo

17:50-18:10 **Role of Light-Front Zero Modes in String Theory**

Speaker

Daya Shankar Kulshreshtha

18:10-18:30 **Zero-mode manifestation in the quantum tunneling in the light front**

Speaker

Alfredo Suzuki

18:30