

Session Program

11-15 Sept 2023

50 Years of Quantum Chromodynamics

Thursday

Luskin Conference Center
425 Westwood Plaza, Los Angeles, CA 90095

Wednesday 13 September

09:00

Thursday: Morning

Session | **Location:** Luskin Legacy Room | **Convener:** Zoltan Kunszt

09:00–09:50 **Integrability of high-energy QCD**

Speaker

Prof. Gregory Korchemsky

09:50–10:40 **High-Energy Collider Observables at Ultimate Precision in QCD**

Speaker

Thomas Kurt Gehrman

10:40–11:10 **Coffee Break**

11:10–12:00 **Perturbative techniques for precision collider physics and cosmology**

Speaker

Prof. Babis Anastasiou

12:00

14:00

Thursday: Afternoon

Session | **Location:** Luskin Legacy Room | **Convener:** Prof. Huan Huang

14:00–14:50 **From QCD to Gravitational Waves**

Speaker

David Kosower

14:50–15:40

Computing Feynman's parton distributions on lattice using large-momentum effective theory

Speaker

Xiangdong Ji

15:40–16:10 **Coffee Break**

16:10–17:00 **New Heavy Exotics**

Speaker

Marek Karliner

17:00–17:50

Holographic Light-Front QCD: A Novel Nonperturbative Approach to Color Confinement and Hadron Physics

Speaker

Stanley J. Brodsky

17:50