

**Session Program**

**5-16 Jun 2023**

**QCD Master Class 2023**

***Student talk and discussion***

Saint-Jacut-de-la-Mer, France

## Tuesday 6 June

16:30

### Student talk and discussion

**Session** | **Location:** Saint-Jacut-de-la-Mer, France

16:30-17:00

#### SUBA-Jet: a New Model for Jet Energy Loss in Heavy Ion Collisions

**Speaker**

Dr Alexander Lind

17:00-17:30

#### In-medium potentials from their vacuum counterpart

**Speaker**

V́ctor Ĺpez Pardo

17:30-18:00

#### Tackling the $g^6$ problem of the hot QCD pressure

**Speaker**

Pablo Navarrete Noriega

18:00-18:30

#### The Shape of $L$ (how a myriad of Lindblad operator behave)

**Speaker**

Jorge Manuel Mart́nez Vera

18:30

## Thursday 8 June

16:30

### Student talk and discussion

**Session** | **Location:** Saint-Jacut-de-la-Mer, France

16:30-17:00

#### Heavy quarkonia production in heavy-ion collisions

**Speaker**

Dr Jaroslava Obertova

17:00-17:30

#### Pursuing the Precision Study for Color Glass Condensate in Forward Hadron Productions

**Speaker**

Yu Shi

17:30-18:00

#### What neutron stars tell about phase transitions in QCD

**Speaker**

János Takátsy

18:00-18:30

#### Describing Prehydrodynamic Attractors in Relativistic Heavy Ion Collisions with Adiabatic Scaling

**Speaker**

Rachel Steinhorst

19:00

## Tuesday 13 June

16:30

### Student talk and discussion

**Session** | **Location:** Saint-Jacut-de-la-Mer, France

16:30-17:00

#### Improving strong coupling determinations from tau decays

**Speaker**

Benitez-Rathgeb Miguel

17:00-17:30

#### Dimension 8 WW production

**Speaker**

Daniel Gillies

17:30-18:00

#### Using 2 to 3 exclusive processes as a channel to probe generalised parton distributions

**Speaker**

Saad Nabeebaccus

18:00-18:30

#### Global fit of unpolarized transverse momentum distributions at N4LL from Drell-Yan data

**Speaker**

Valentin Moos

18:30

## Thursday 15 June

16:30

### Student talk and discussion

**Session** | **Location:** Saint-Jacut-de-la-Mer, France

16:30-17:00

#### Padé approximants in the context of the MUonE experiment

**Speaker**

Cristiane Yumi London

17:00-17:30

#### Transverse Momentum Distributions of Heavy Hadrons and Polarized Heavy Quarks

**Speaker**

Zhiquan Sun

17:30-18:00

#### The single off-shell massless box integral - branch-cut structure and all-order epsilon expansion

**Speaker**

Fabian Wunder

18:00-18:30

#### PT-symmetric QFT and looking beyond Landau poles in QFT

**Speaker**

Ryan Weller

18:30