

## **Session Program**

**4-6 Jan 2024**

# **Lattice QCD workshop on hadron and quark matter (LQCDW1)**

## ***Research using lattice calculation at the front***

Sejong University, Seoul, 601 (Youngsil-Gwan 601)

## Friday 5 January

10:00

### Research using lattice calculation at the front

**Session** | **Location:** Sejong University, Seoul, 601 (Youngsil-Gwan 601)

10:00–11:00

#### Mapping the Parton Distributions of Pion and Nucleon

**Speaker**

Huey-Wen Lin

11:00–12:00

#### Precision nucleon charges and form factors from lattice QCD

**Speaker**

Dr Sung-Woo Park

12:00

14:00

### Research using lattice calculation at the front

**Session** | **Location:** Sejong University, Seoul, 601 (Youngsil-Gwan 601)

14:00–15:00

#### Carbon and Oxygen isotope chains in Nuclear Lattice Effective Field Theory

**Speaker**

Dr Young-Ho Song

15:00–16:00

#### Surface code (Toric Code) and 3-dimensional quenched $Z(2) \times Z(2)$ gauge theory

**Speaker**

Seyong Kim

16:00–16:30

#### Coffee break

16:30–17:30

#### Pion Light-cone Distribution Amplitude from a Heavy-Quark Operator Product Expansion

**Speaker**

David Lin

17:30

## Saturday 6 January

10:00

### Research using lattice calculation at the front

**Session** | **Location:** Sejong University, Seoul, 601 (Youngsil-Gwan 601)

10:00–11:00

#### Heavy Ion Experiments and lattice calculation

**Speaker**

Yongsun Kim

11:00–12:00

#### QCD Phase Diagram in the Canonical Method of Lattice QCD

**Speaker**

Seung-il Nam

12:00