

**Mini workshop on lattice  
calculations for contemporary  
nuclear and particle physics**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Chiral Fermion Simulations on Fugaku and QCD Thermodynamics

*Friday, 14 June 2024 09:45 (45 minutes)*

**Presenter:** Prof. AOKI, Yasumichi (RIKEN Center for Computational Science)

Contribution ID: 2

Type: **not specified**

## **Quantum error correction, threshold probability, and lattice model**

*Friday, 14 June 2024 10:30 (45 minutes)*

**Presenter:** Prof. KIM, Seyong (Sejong University)

Contribution ID: 3

Type: **not specified**

## **Decoupling of heavy quarks as a tool for renormalization**

*Friday, 14 June 2024 11:45 (45 minutes)*

**Presenter:** Prof. RAMOS, Alberto (University of Valencia)

Contribution ID: 4

Type: **not specified**

## **Lattice studies of $Sp(4)$ gauge theory with three antisymmetric fermions**

*Friday, 14 June 2024 14:00 (45 minutes)*

**Presenter:** Dr LEE, Jong-Wan (Institute for Basic Science, Daejeong)

Contribution ID: 5

Type: **not specified**

## **Precision tests of the Standard Model with lattice QCD and beta-decays**

*Friday, 14 June 2024 14:45 (45 minutes)*

**Presenter:** Prof. WALKER-LOUD, Andre (Lawrence Berkeley National Laboratory)

Contribution ID: 6

Type: **not specified**

## **Dense isospin matter and the nuclear equation of state**

*Friday, 14 June 2024 16:00 (45 minutes)*

**Presenter:** Prof. DETMOLD, William (MIT)