

RCNP, OSAKA UNIVERSITY

NUCLEAR PHYSICS

THEORY SEMINAR

Title Lee-Yang zeros from canonical approach in
 lattice QCD

Speaker Masayuki Wakayama(RCNP)

Date and Time April 24th (Tues) in 2018 11:00 am

Place Lecture room 1 on the 6th floor of RCNP main
 building

Abstract:

The revelation of the phase structure at finite temperature and density in QCD is one of the most important subjects.

However, the lattice QCD suffers from the sign problem at finite density.

The canonical approach with multi-precision is a promising candidate for avoiding the sign problem.

In this seminar, I will review the canonical approach with multi-precision and show the distributions of Lee-Yang zeros from canonical approach.

RCNP