

HHIQCD 2015 PROGRAM (2nd week)

For the latest information, please check the following url:

<http://www2.yukawa.kyoto-u.ac.jp/~hhiqcd.ws/schedule.html#2ndweek>

23rd February (Mon.) Chair: S. Hirenzaki

- 09:30 - 11:00 **Anthony Thomas** (University of Adelaide)
From Hadron to Nuclear Structure
- 11:30 - 12:00 **Daiji Kimura** (Ube National College of Technology)
A study of τ to $\nu\eta\pi\pi$ decay with a chiral Lagrangian including vector mesons
- 15:00 - 15:30 *Coffee*
- 15:30 - 17:00 **Hyun-Chul Kim** (Inha University)
Transverse structure of the pion and the kaon

24th February (Tue.) Chair: T. Hyodo

- 09:30 - 11:00 **Su Houng Lee** (Yonsei University)
Exotics from Heavy Ion Collision
- 11:30 - 12:00 **Takayasu Sekihara** (Research Center for Nuclear Physics, Osaka University)
Constraint on $K\bar{K}$ compositeness of the $a_0(980)$ and $f_0(980)$ resonances from their mixing intensity
- 15:00 - 15:30 *Coffee*

25th February (Wed.) Chair: S. Aoki / H. Wittig

- 09:30 - 11:00 **Hartmut Wittig** (University of Mainz)
Low-energy precision observables with $O(a)$ improved Wilson fermions
- 11:15 - 12:45 **Ross Young** (University of Adelaide)
Finite volume effects in lattice QCD+QED simulations
- 15:00 - 15:30 *Coffee*
- 15:30 - 17:00 **Shoji Hashimoto** (KEK)
Simulating 2+1-flavor QCD on fine lattices with Mobius domain-fermions

26th February (Thu.) Chair: H. Kamano

- 09:30 - 11:00 **Eulogio Oset** (University of Valencia)
Hadron resonances in finite volume
- 11:15 - 12:45 **David Richards** (Jefferson Lab)
*Lattice QCD calculations of the excited-state spectrum,
and the low-energy degrees of freedom of QCD*
- 15:00 - 15:30 *Coffee*

27th February (Fri.) Chair: A. Thomas / T. Doi

- 09:30 - 11:00 **Gilberto Colangelo** (University of Bern)
Determination of the quark mass ratio Q from $\eta \rightarrow 3\pi$
- 11:30 - 12:00 **Shuntaro Sakai** (Kyoto University)
*The η decay into 3π in asymmetric nuclear medium and partial restoration of
chiral symmetry in nuclear medium*
- 13:30 - 15:00 **Ubirajara van Kolck** (IPN, Orsay)
Nuclei in a Lattice World
- 15:00 - 15:30 *Coffee*
- 15:30 - 17:00 **Constantia Alexandrou** (University of Cyprus)
Selected results on hadron structure
- 18:00 - *Party*