

HHIQCD 2015 PROGRAM (5th week)

For the latest information, please check the following url:

<http://www2.yukawa.kyoto-u.ac.jp/~hhiqcd.ws/schedule.html#5thweek>

16th March (Mon.) Chair: E. Itou

- 09:30 - 11:00 **Luigi Del Debbio** (University of Edinburgh)
Space-time symmetries on the lattice
- 11:15 - 12:45 **Hiroshi Suzuki** (Kyushu University)
Yang-Mills gradient flow and the energy-momentum tensor on the lattice
- 15:00 - 15:30 *Coffee*

17th March (Tue.) Chair: P. de Forcrand

- 09:30 - 11:00 **Shinji Ejiri** (Niigata University)
First order transitions in finite temperature and density QCD with two and many flavors
- 11:30 - 12:00 **Chihiro Sasaki** (Frankfurt Institute for Advanced Studies)
Chiral thermodynamics with charm
- 15:00 - 15:30 *Coffee*
- 15:30 - 17:00 **Marco Cristoforetti** (ECT*)
Integration on Lefschetz thimble: from heavy ion collisions to superconductivity

18th March (Wed.) Chair: A. Ohnishi

- 10:30 - 12:00 **James Lattimer** (Stony Brook University)
Constraints on the Presence of Quark Matter in Neutron Stars
- 12:15 - 12:45 **Yuichiro Sekiguchi** (Yukawa Institute for Theoretical Physics, Kyoto University)
Exploring physics of dense matter using gravitational waves from binary neutron star merger
- 15:00 - 15:30 *YITP tea party*

19th March (Thu.)

- 09:30 - 17:00 **Mini-Symposium**
- 18:00 - *Party*

20th March (Fri.) Chair: N. Ishii

- 09:30 - 11:00 **Stephen Sharpe** (University of Washington)
Three particle scattering amplitudes from finite volume simulations
- 11:30 - 12:00 **Takeshi Yamazaki** (University of Tsukuba)
Light nuclei from 2+1 flavor lattice QCD
- 15:00 - 15:30 *Coffee*