

ExHIC WORKSHOP PROGRAM

Abstracts can be found in the following url:

<http://www2.yukawa.kyoto-u.ac.jp/~tetsuo.hyodo/ExHIC2016/schedule.html>

<http://www2.yukawa.kyoto-u.ac.jp/~tetsuo.hyodo/ExHIC2016/abst.html>

March 23 (Wed.) – Panasonic Auditorium –

13:00 - 13:30 *Registration*

“Overview I” Chair: T. Hyodo

13:30 - 14:10 **Su Houng Lee** (Yonsei University)

Exotics from a constituent quark model and its implication to ExHIC

14:10 - 14:40 *Coffee*

“Overview II” Chair: L. Fabbietti

14:40 - 15:20 **Yuji Kato** (KMI, Nagoya University)

Exotic hadron spectroscopy at Belle and Belle II

15:20 - 16:00 **Che-Ming Ko** (Texas A&M University)

Light nuclei production in relativistic heavy ion collisions

16:00 - 16:30 *Coffee*

“Overview III” Chair: A. Ohnishi

16:30 - 17:10 **Neha Shah** (SINAP, CAS)

Hyperon interactions from heavy ion collisions

17:10 - 17:50 **Shigehiro Yasui** (Tokyo Institute of Technology)

Charm nuclei and related topics

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March 24 (Thu.) – Panasonic Auditorium –

“Hadron correlation” Chair: C.M. Ko

- 10:00 - 10:30 **Kenji Morita** (YITP)
Probing Ω -Nucleon interaction in relativistic heavy ion collisions
- 10:30 - 11:00 **Laura Fabbietti** (Technische Universität München)
 Λ -proton femtoscopy
- 11:00 - 11:30 **Tetsuo Hyodo** (YITP)
Quark mass dependence of the $\Lambda\Lambda$ interaction
- 11:30 - 12:00 *Coffee*

“Heavy hadrons” Chair: S. Yasui

- 12:00 - 12:30 **Yosuke Watanabe** (CNS, Tokyo University)
Charmed and exotic hadron measurements with ALICE at the LHC
- 12:30 - 13:00 **Saori Maeda** (Tokyo Institute of Technology)
The charm baryon - nucleon interaction and Λ_c -NN nuclei
- 13:00 - 14:30 *Lunch*

“Hadrons in medium” Chair: K. Yazaki

- 14:30 - 15:00 **Yu Maezawa** (YITP)
*Thermal modifications of meson states in lattice QCD
and relations to heavy ion collisions*
- 15:00 - 15:30 **Sungtae Cho** (Kangwon National University)
Reduction of the K^ meson abundance and freeze-out conditions
in heavy ion collisions*
- 15:30 - 16:00 *Coffee*

“Exotic resonances” Chair: K. Morita

- 16:00 - 16:30 **Jihye Song** (Pusan National University)
Resonance production in ALICE at the LHC
- 16:30 - 17:00 **Kenta Miyahara** (Kyoto University)
 Ξ resonances in the weak decay of Ξ_c
- 18:00 - *Party*

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March 25 (Fri.) – Panasonic Auditorium –

“Exotic hadrons” Chair: J. Chen

9:30 - 10:10 **Laura Fabbietti** (Technische Universität München)
Partial Wave Analysis of the $p + p \rightarrow pK\Lambda$ reactions

10:10 - 10:40 **Xiaohai Liu** (Tokyo Institute of Technology)
*Understanding the nature of the heavy pentaquarks
and searching for them in pion-induced reactions*

10:40 - 11:10 **Yuki Kamiya** (YITP)
Compositeness of near threshold quasi-bound states

11:10 - 11:40 *Coffee*

“Summary” Chair: S.H. Lee

11:40 - 12:10 **Akira Ohnishi** (CNS, Tokyo University)
*Hadron-Hadron Correlation and Interaction from Heavy-Ion Collisions
and Summary*

12:10 - *Lunch and free discussion*

March 28 (Mon.) – Y206 –

Chair: A. Ohnishi

13:30 - 15:00 **Tetsufumi Hirano** (Sophia University)
 Λ - Λ correlations from an integrated dynamical model

15:00 - 15:30 *Coffee*

March 30 (Wed.) – Y206 –

Chair: S.H. Lee

13:30 - 15:00 **Koichi Yazaki** (RIKEN)
Coalescence model for resonances

15:00 - 15:30 *Coffee*