

Hyperon-Hyperon Interactions and Searches for Exotic Di-Hyperons in Nuclear Collisions

Hamilton Seminar Room
Chemistry Department, Bldg. 555
February 29 – March 2, 2012

Wednesday, February 29, 2012

Chair: Huan Zhong Huang

08:30 – 09:00		<i>Registration/Coffee</i>
09:00 – 09:10	Larry McLerran	Welcome
09:10 – 09:40	Takashi Inoue	H-dibaryon from Full QCD Lattice Simulations
09:40 – 10:10	Gerald Miller	Possible Existence and Detection of Strangeness - 4 Dibaryon States
10:10 – 10:40	Che-Ming Ko	Exotic Hadrons Production in HIC
10:40 – 11:00		<i>Coffee</i>

Chair: James Dunlop

11:00 – 11:30	Benjamin Doenigus	Resonance Production and Search for Exotica with ALICE at the LHC
11:30 – 12:00	Neha Shah	Measurement of Lambda-Lambda Correlations with STAR
12:00 – 02:00		<i>Lunch</i>

Chair: John Millener

02:00 – 02:30	Akira Ohnishi	Lambda-Lambda Correlation in (K-,K+) Reaction and Heavy-ion Collisions
02:30 – 03:00	Lei Guo	Hyperon Physics at CLAS
03:00 – 03:30		<i>Coffee</i>

Chair: Jianwei Qiu

03:30 – 04:00	Richard Lednicky	Femtoscopic Correlations and Final State Interactions
04:00 – 04:30	Tom Rijken	Baryon-Baryon Interactions

Thursday, March 1, 2012

Chair: Phil Pile

09:00 – 09:30	Tomo Nagae	Recent Topics in Hypernuclear Physics and Perspective at J-PARC
09:30 – 10:00	Elena Botta	Latest Results on Hypernuclear Physics from the FINUDA Experiment
10:00 – 10:30	Takai Saito	Recent Results from the HypHI Project at GSI
10:30 – 11:00		<i>Coffee</i>

Chair: Yugang Ma

11:00 – 11:30	Joseph Wasem	Omega Baryon Interactions with Lattice QCD
11:30 – 12:00	TBD	TBD
12:00 – 02:00		<i>Lunch</i>

Chair: Rainer Fries

02:00 – 03:00	Rainer Fries	Discussions of Theoretical Issues (open to any who would like to share a few slides)
03:00 – 03:30		<i>Coffee</i>

Chair: Anthony Baltz

03:30 – 04:30		<i>Carl Dover Memorial Lecture, Juergen Schaffner-Bielich, "Exploring Strange Matters"</i>
05:00 – 06:00		<i>Cocktail Hour in Conjunction with Carl Dover Memorial Lecture, Chemistry Department Lobby</i>
06:15 – 08:00		<i>Workshop Dinner, Brookhaven Center South Room</i>

Friday, March 2, 2012

Chair: Zhangbu Xu

09:00 – 09:30	Silas Beane	The H-dibaryon from Lattice QCD
09:30 – 10:00	Aihong Tang	Future Perspectives on STAR Exotic Searches
10:00 – 10:30	Susumu Sato	Future JPARC Exp to Search for H particle
10:30 – 11:00		<i>Coffee</i>

Chair: Nu Xu

11:00 – 12:00	Berndt Muller	Workshop Summary and Outlook (End of Workshop)
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