

Joint Meeting of Pacific Region Particle Physics Communities

Tuesday 31 October 2006

Lattice QCD - Ewa (08:00-10:00)

Chair: Shoji Hashimoto

- Conveners: Dr. AOKI, Sinya; Dr. HASHIMOTO, Shoji; Dr. MACKENZIE, Paul

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Time	Title	Presenter
08:00	Infrared features of the ghost propagators in quenched and unquenched lattice Landau gauge QCD	NAKAJIMA, Hideo
08:20	Gauge independence of Abelian dual Meissner effect in pure SU(2) QCD	ISHIGURO, Katsuya
08:40	The confining potential and the low-energy effective monopole action with two flavors of dynamical quarks	HASEGAWA, Masayasu
09:00	Lattice Formulation of Twisted N=4 D=3 Super Yang-Mills	NAGATA, Kazuhiro
09:20	Hermiticity and Majorana condition for two-dimensional super Yang-Mills on a lattice with Dirac-Kaehler twist	KANAMORI, Issaku
09:40	Full QCD calculation of neutron electric dipole moment	SHINTANI, Eigo

Lattice QCD - Ewa (10:30-12:30)

Chair: Paul Mckenzie

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Time	Title	Presenter
10:30	Approaching the chiral limit with dynamical overlap fermions	KANEKO, Takashi
11:00	Recent results from Domain Wall Fermions in full QCD	DAWSON, chris
11:30	Lattice QCD simulation with 2+1 flavors of dynamical overlap fermions	MATSUFURU, Hideo
11:50	Light meson spectrum and strange quark mass in Nf=2+1 domain-wall QCD	NOAKI, Jun-Ichi
12:10	Status of the 2+1 Flavor Wilson-Clover Simulation of QCD by the PACS-CS Collaboration	KURAMASHI, Yoshinobu

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Lattice QCD - Ewa (14:00-16:00)

Chair: Takashi Kaneko

- Conveners: Dr. AOKI, Sinya; Dr. HASHIMOTO, Shoji; Dr. MACKENZIE, Paul

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Time	Title	Presenter
14:00	Algorithmic and machine issues on the $N_f=2+1$ lattice QCD project by the PACS-CS Collaboration	ISHIKAWA, Kenichi
14:30	Recent LQCD results with improved staggered fermions from the MILC Collaboration	LEVKOVA, Ludmila
15:00	Semileptonic Decays with Improved Staggered Fermions	MACKENZIE, Paul
15:20	Heavy-light weak matrix elements using all-to-all propagators	ONOGI, Tetsuya
15:40	The decay constants f_{B^+} and f_{D^+} from three-flavor lattice QCD	SIMONE, James

Lattice QCD - Ewa (16:30-18:30)

Chair: Chris Dawson

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Time	Title	Presenter
16:30	Phase diagram at finite temperature and quark density in the strong coupling limit of lattice QCD for color SU(3)	MIURA, Kohtaroh
17:00	Nucleon matrix elements from lattice QCD	RENNER, Dru
17:30	Nucleon structure in lattice QCD with dynamical domain wall fermions	SHIGEMI, Ohta
17:50	Proton decay matrix elements with domain-wall fermions	AOKI, Yasumichi
18:10	Kaon B-Parameters for Generic $\Delta S=2$ Four-Quark Operators in Quenched Domain Wall QCD	NAKAMURA, Yousuke