"Asia-Pacific Mini-Workshop on Lattice QCD"

January 23(Thurs)-24(Fri), 2003
Center for Computational Physics, University of Tsukuba

January 23(Thu.)

Chair: Yusuke Taniguchi

13:30–14:15 Sinya Aoki (Univ. of Tsukuba) [35min+10min]
Dynamical $N_f = 3$ lattice QCD simulation project
with Wilson-clover quarks

14:15–15:00 Istvan Montvay (DESY) [35min+10min]
QCD simulations with light Wilson quarks

15:00–15:30 Vitaly Bornyakov (Kanazawa Univ.) [25min+5min]
Finite temperature lattice QCD with improved Wilson fermions

— **coffee break** —

Chair: Kazuyuki Kanaya

16:00–17:00 Xiang-Qian Luo (Zhongshan Univ.) [45min+15min]
NSF Key Project and Recent Progress of Lattice QCD in China

17:00–17:30 Hiroaki Arisue (Osaka Pref. College of Tech.) [25min+5min]
New algorithm of the high-temperature expansion

17:30–18:00 Sadataka Furui (Teikyo Univ.) [25min+5min]
Infrared properties of Landau gauge QCD

18:00–18:30 Shigemi Ohta (KEK) [25min+5min]
Nucleon axial charge from quenched lattice QCD
with DBW2 gauge action and domain-wall fermions

January 24(Fri)

Chair: Istvan Montvay

9:00–10:00 Ting-Wai Chiu (National Taiwan Univ.) [45min+15min]
Optimal lattice domain-wall fermions

10:00–11:00 Yoshio Kikukawa (Nagoya Univ.) [45min+15min]
A numerical implementation of abelian chiral gauge theory on the lattice with exact gauge invariance

— **coffee break** —

Chair: Stephen Sharpe

11:15–12:15 Anthony Thomas (Univ. of Adelaide) [45min+15min]
The chiral extrapolation problem: How model dependent is it?

— **lunch** —

Chair: Naruhito Ishizuka

13:30–14:30 Weonjong Lee (Seoul National Univ.) [45min+15min]
Recent progress in the staggered ϵ'/ϵ project

14:30–15:30 Chuan Liu (Peking Univ.) [45min+15min]
Pion scattering length with small anisotropic lattices

— **coffee break** —

Chair: Yoichi Iwasaki

16:00–16:45 Stephen Sharpe (Univ. of Washington) [35min+10min]
Determining the optimal scale (q^*) for matching factors for operators with anomalous dimensions

16:45–17:30 Noriyoshi Ishii (Riken) [35min+10min]
Recent topics in lattice hadron physics

17:30–18:30 Yoshinobu Kuramashi (KEK) [45min+15min]
Relativistic Heavy Quarks on the Lattice