



# The 33rd International Symposium on Lattice Field Theory (Lattice 2015)

## Friday, 17 July 2015

### Vacuum Structure and Confinement - 404 (14:00 - 16:00)

-Conveners: Akihiro Shibata

time	[id] title	presenter
14:00	[8] Chiral symmetry breaking, instantons, and monopoles	Dr HASEGAWA, Masayasu
14:20	[301] Classifying the phases of gauge theories by spectral density of probing chiral quarks	HORVATH, Ivan
14:40	[335] Dirac spectrum representation of Polyakov loop fluctuations in lattice QCD	Mr DOI, Takahiro
15:00	[39] SU(4) symmetry of hadrons upon quasi-zero Dirac mode elimination.	Prof. GLOZMAN, Leonid
15:20	[43] Gauge fixing and the gluon propagator in renormalizable xi gauges	BICUDO, Pedro
15:40	[128] Non-Gaussianity of the topological charge distribution in SU(3) Yang–Mills theory	CÈ, Marco

### Vacuum Structure and Confinement - 404 (16:30 - 18:10)

-Conveners: Miho Koma

time	[id] title	presenter
16:30	[313] Study of non-perturbative contributions to surface operator within lattice gauge theory	Prof. MOLOCHKOV, Alexander
16:50	[241] Abelian monopole or non-Abelian monopole responsible for quark confinement	SHIBATA, Akihiro
17:10	[85] Gluon propagators near the phase transition in SU(2) gluodynamics	Dr BORNIAKOV, Vitaly
17:30	[127] Anatomy of SU(3) flux tubes at finite temperature	CUTERI, Francesca
17:50	[290] The three-quark potential and perfect Abelian dominance in SU(3) lattice QCD	Prof. SUGANUMA, Hideo