

## PROGRAMME

### 2<sup>nd</sup> Workshop on Quarks and Hadrons under Extreme Conditions – Lattice QCD, Holography, Topology, and Physics at RHIC / LHC –

#### November 17, 2011

9:30		<i>Opening Address</i>
9:35	Adi Armoni	<i>k-String Tension</i>
10:30		<i>Coffee Break</i>
10:50	Shigeki Sugimoto	<i>On S-duality in Non-supersymmetric Gauge Theory</i>
11:25	Tetsuya Onogi	<i>Lattice Study of SU(3) Gauge Theory with 12 Flavors</i>
12:00		<i>Lunch</i>
14:00	Andreas Karch	<i>Recent Progress in Applying Gauge/Gravity Duality to Quark-Gluon Plasma and Nuclear Physics</i>
14:55	Shin Nakamura	<i>Non-equilibrium Phase Transitions in Holography</i>
15:30		<i>Coffee Break</i>
15:50	Youngman Kim	<i>Isospin Physics in Holographic QCD</i>
16:25	Koji Hashimoto	<i>Nucleus from String Theory</i>
17:00	Yoshitaka Hatta	<i>Jets at Strong Coupling</i>

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9:30	Tomas Brauner	<i>Center-symmetric Dimensionally Reduced Effective Theory for Two-color QCD</i>
10:05	Yukinao Akamatsu	<i>Stochastic Dynamics of Heavy Quarkonium in Quark-Gluon Plasma</i>
10:40		<i>Coffee Break</i>
11:00	Masatoshi Sato	<i>Topological Superconductors</i>
11:35	Michikazu Kobayashi	<i>Non-Abelian Vortices and Their Non-equilibrium Dynamics in Bose-Einstein Condensates with Spins</i>
12:10		<i>Lunch</i>
14:00	Sourendu Gupta	<i>Finite Size Effects in the Heavy-ion Collision Fireball</i>
14:55	Noriyoshi Ishii	<i>Nuclear Forces from Lattice QCD Simulation</i>
15:30		<i>Coffee Break</i>
15:50	Shinji Ejiri	<i>Finite Density Lattice QCD by a Histogram Method</i>
16:25	Atsushi Nakamura	<i>Finite Density Lattice Simulation – Small Lattice but Big Dream</i>
17:00		<i>Closing Address</i>