

Kavli IPMU focus week workshop, September 24-28, 2013

Holographic QCD - Recent progress and challenges -

Lecture Hall (1F), Kavli IPMU main building

	Sep 24 (Tue)	Sep 25 (Wed)	Sep 26 (Thu)	Sep 27 (Fri)	Sep 28 (Sat)
08:45 – 09:15	shuttle bus to IPMU	shuttle bus to IPMU	shuttle bus to IPMU	shuttle bus to IPMU	shuttle bus to IPMU
09:25 – 09:30	opening				
09:30 – 10:20	Mueller	Casalderrey-Solana	Janik	Hashimoto	Kutasov
10:20 – 10:50	coffee break	coffee break	coffee break	coffee break	coffee break
10:50 – 11:40	Djuric	Arnold	Stephanov	Heller	Kuperstein
11:50 – 12:20	Hong	Morita	Taliois	Callebaut	Argurio
12:20 – 14:00	lunch	lunch	lunch	lunch	closing (12:20–12:25)
14:00 – 14:50	Jarvinen	Chesler	Brodsky		
14:50 – 15:40	coffee break & IPMU teatime	coffee break & IPMU teatime	coffee break & IPMU teatime	coffee break & IPMU teatime	
15:40 – 16:30	Sonnenschein	Nitti	Gursoy	Rebhan	
16:40 – 17:10	Pando Zayas		van der Schee	Fukushima	
17:10 – 18:00	free discussion	free discussion	free discussion	free discussion	
18:00 – 18:30	shuttle bus to hotel	Banquet (18:00–20:00)	shuttle bus to hotel	shuttle bus to hotel	
20:15 – 20:45		shuttle bus to hotel			

- The shuttle bus commutes between the Crest hotel Kashiwa (near Kashiwa station) and the Kashiwa Campus.

Speakers / Titles

R. Argurio (ULB)	(Super)Current Correlators in Strongly Coupled Gauge Theories
P. Arnold (Virginia)	Tidal stretching of gravitons into classical strings: application to jet quenching
S. Brodsky (SLAC)	Light-Front Holography and the Uniqueness of the QCD Confinement Potential
N. Callebaut (Ghent)	Holographic study of magnetically induced rho meson condensation
J. Casalderrey-Solana (UB)	Towards a Hybrid Approach to Jet Energy Loss in Heavy Ion Collisions
P. Chesler (MIT)	Holographic Turbulence
M. Djuric (Porto)	Small x scattering using gauge/gravity duality
K. Fukushima (Keio/Tokyo)	Spatial modulation and topological current in holographic QCD matter
U. Gursoy (Utrecht)	QCD in strong magnetic fields
K. Hashimoto (Osaka/RIKEN)	Vacuum instability in holography
M. P. Heller (Amsterdam/ Warsaw)	Towards a holographic realization of the quarkyonic phase
D. Hong (Pusan)	Holographic estimate of electromagnetic mass of hadrons
R. Janik (Jagiellonian)	Hydrodynamics and beyond
M. Jarvinen (Crete)	Holographic models for QCD in the Veneziano limit
S. Kuperstein (Saclay)	Spacetime emergence via holographic RG flow from incompressible Navier-Stokes at the horizon
D. Kutasov (Chicago)	Challenges for holographic SQCD
T. Morita (KEK)	Comments on the universality of strongly coupled field theories at finite temperature
A. Mueller (Columbia)	Decays in weak and strong coupling conformally invariant field theories
F. Nitti (Paris)	The Trailing String in Confining Holographic Theories
L. Pando Zayas (Michigan)	A String Theory Explanation for Quantum Chaos in the Hadronic Spectrum
A. Rebhan (Vienna)	Comparing holographic models of strongly coupled anisotropic plasmas
J. Sonnenschein (Tel Aviv)	Holographic stringy hadrons
M. Stephanov (Illinois)	Hydrodynamic noise
A. Taliotis (VUB)	QGP in central collisions for sufficiently large energy
W. van der Schee (Utrecht)	Collisions in AdS and the thermalisation of heavy-ion collisions