

New Frontiers in QCD

27th – 28th October 2011

Engineering Research Park #259, Yonsei University

Seoul, Republic of Korea

Invitation

The nuclear theory group at Yonsei University was supported by the Korean National Research Foundation since 2006 under the title "New Frontiers in QCD" through the National Scholar project. To review the 5 years of research activity supported by the fund and to discuss new challenges in QCD, we will host a two day workshop titled "New Frontiers in QCD 2011". We will discuss topics related to relativistic heavy ion collisions and exotic hadrons. You are cordially invited to participate in the workshop and present your research result and share exciting new ideas.

Su Hounng Lee (Chair)
New Frontiers in QCD
Organizing Committee

Workshop Avenue

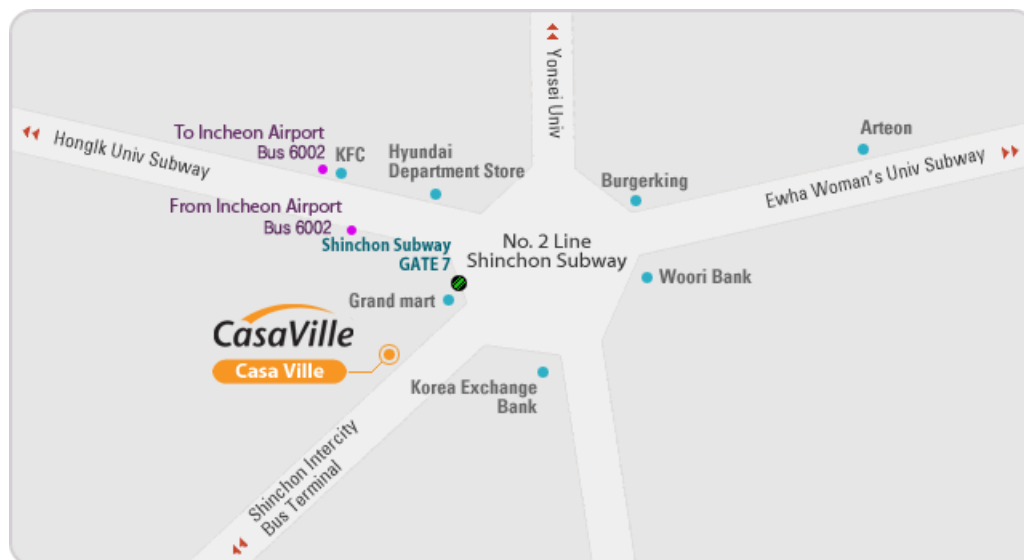


Engineering Research Park, Seminar Room 259, Yonsei University

1 : Front Gate of Yonsei University, Sinchon Campus

2 : Engineering Research Park

Accommodations



CasaVille : <http://www.casaville-shinchon.co.kr/eng/index.php>

Near Sinchon subway station Gate 7 (Line #2)

Short cut to Yonsei University : Cross Sinchon rotary through Sinchon subway station.

CasaVille <-> Gate 7 <-> Gate 3 <-> Yonsei University

Scientific Program

27 October 2011	
12:30 - 12:50	Registration
12:50 - 13:00	<i>Welcome Session</i> Su Houng Lee (Yonsei Univ.)
	Chair : Youngman Kim
13:00 - 13:50	<i>The eta' mesonic state and partial restoration of chiral symmetry in nuclear medium</i> Disuke Jido (YITP)
13:50 - 14:20	<i>Hadron properties at finite density</i> Ulugbek Yakhshiev (Inha Univ.)
14:20 - 14:50	<i>Electroweak structures of light and strange baryons</i> Kiseok Choi (Soongsil Univ.)
14:50 - 15:10	Coffee Break
	Chair : Disuke Jido
15:10 - 15:40	<i>Holographic equation of state and compact stars</i> Youngman Kim (APCTP)
15:40 - 16:10	<i>Multiquark hadrons from heavy ion collisions</i> Sungtae Cho (Yonsei Univ.)
16:10 - 16:40	<i>Forward RPC upgrade at PHENIX</i> Chong Kim (Korea Univ.)
16:40 - 17:10	<i>Nuclear symmetry energy in QCD sum rules</i> Kiesang Jeong (Yonsei Univ.)
17:10 - 17:40	<i>Nonlocal effects in quark distribution and fragmentation</i> Seung-il Nam (KIAS)
18:00 - 20:00	Banquet

28 October 2011	
	Chair : Hirotsugu Fujii
10:00 – 10:50	<i>Observation of charged bottomonium-like states</i> Stephen Lars Olsen (Seoul Nat'l Univ.)
10:50 – 11:20	<i>Effective range corrections from effective field theory with di-baryon fields and perturbative pions</i> Shung-Ichi Ando (Daegu Univ.)
11:20 – 11:50	<i>Dependence of the decay width for exotic pentaquark Θ^+ on its mass and the mass of N^* in a chiral soliton model</i> Ghil-Seok Yang (Kungpook Nat'l Univ.)
11:50 – 12:20	<i>Two freeze-out model for the hadrons produced in the Relativistic Heavy-Ion Collisions</i> Suk Choi (Chonnam Nat'l Univ.)
12:20 – 13:30	Lunch Break
	Chair : Stephen Lars Olsen
13:30 – 14:20	<i>The phase diagram from chiral random matrix model</i> Hirotsugu Fujii (Univ. of Tokyo)
14:20 – 14:50	<i>In-medium η' mass reduction</i> Youngshin Kwon (Soongsil Univ.)
14:50 – 15:20	<i>The QCD phase diagram in the PNJL model</i> Nino Bratovic (Munich, Tech. Univ.)
15:20 – 15:50	<i>Studying strong interactions at densities</i> Kyungil Kim (Yonsei Univ.)
15:50 – 16:00	<i>Closing Remarks</i> Su Houn Lee (Yonsei Univ.)

Contact

<http://proton.yonsei.ac.kr/~Workshop/NFinQCD2011>

New Frontiers in QCD
Organizing Committee
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