

Joint SKKU/CQUEST Workshop on String/M-theory and related topics

Jun. 12 (Fri) - Jun. 13 (Sat), 2009
SKKU, Suwon Natural Science Campus, KOREA

◆ Topics :

A wide range of topics from multiple M-brane theories to applications to condensed matter systems is planned to be covered.

◆ The aim of the workshop :

To provide a framework for the exchange of ideas and discussion of recent developments in string theory/M-theory and related areas.

◆ Speakers and titles of the talks :

• Jun. 12 (Fri.) - Room 31317 of Physics Dept. (Bld. Natural Science1)

1:00 - 1:20		Registration
1:20 - 1:40		Opening
1:40 - 2:40	Horatiu Nastase	<i>The Fuzzy S^2 structure of M2-M5 systems in ABJM membrane theories</i>
2:40 - 3:10	Sang-Heon Yi	<i>The effective action of ABJM model: Eight Fermion Terms</i>
3:10 - 3:40	Satoshi Yamaguchi	<i>Surface operators and AdS/CFT correspondence</i>
3:40 - 4:00		Coffee break
4:00 - 5:00	Andreas Gustavsson	<i>M-branes from ABJM theory</i>
5:00 - 5:30	Hiroaki Nakajima	<i>Coupling between M2-branes and Form Fields</i>
5:30 - 6:00	Sunyoung Shin	<i>Oblique DLCQ of M theory</i>
6:00		Dinner

• Jun. 13 (Sat.) - Room 31317 of Physics Dept. (Bld. Natural Science1)

10:00 - 11:00	Sang-Jin Shin	<i>A dual gravity for the hadronic dense matter</i>
11:00 - 11:30	Takao Suyama	<i>Wilson loops in gauge theories with product gauge group</i>
11:30 - 12:00	Inyong Park	<i>Open string loop induced D-brane geometry</i>
12:00 - 1:30		Lunch
1:30 - 2:30	Ki-Myeong Lee	TBA
2:30 - 3:00	Sang-Woo Kim	<i>Critical number of ideal Bose gas confined in a cubic box</i>
3:00 - 3:30	Kanghoon Lee	<i>Three-algebra for supermembrane and two-algebra for superstring</i>
3:30 - 4:00		Coffee break
4:00 - 4:30	Mu-In Park	<i>Remarks on Horava Gravity</i>
4:30 - 5:00	Da-Wei Pang	<i>Black Holes in Asymptotically Lifshitz Spacetime</i>
5:00 - 5:30	Yoonbai Kim	<i>Black Hole, Global Monopole, and Electric Field in Horava-Lifshitz Gravity</i>
5:30 - 6:00	Qing-Guo Huang	<i>A geometric description of the non-Gaussianity</i>
6:00		Summary & Closing

• URL address : <http://cquest.sogang.ac.kr> <http://www.skku.ac.kr>

For more information, please contact to Prof. Corneliu Sochichiu
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