"QCD vacuum and matter under strong magnetic field"

Oct. 15-17, 2014, Seminar room 319, Theory Division, IHEP/CAS

Wednesday, Oct. 15th, 2014

	Morning session Chair: P	engfei Zhuang	g
8:30-9:00	Registration		
9:00-10:30	Lattice QCD with a magnetic background field and its relevance for heavy ion physics Andreas Schaefer		
10:30-10:40	Group photo in front of the gate of Theory L	Division	
10:40-11:00	Coffee break		
11:00-12:30	Search for chiral effects at STAR		Gang Wang
12:30	Lunch at the Restaurant of Gues	t House, IHEP	/CAS
	Afternoon session Chair:	Hongshi Zong	
14:30-15:15	Electromagnetic field and anomalous training heavy-ion collisions and in cold ato	-	ı-Guang Huang
15:15-16:00	Vorticity and magnetic field production i ideal fluids		Jian-Hua Gao
16:00-16:30	Coffee break		
16:30-17:10	Charged rho mesons in Dyson Schwinger a	approach Kı	un-Lun Wang
17:10-17:40	Towards complete phase diagrams of a hol		Run-Qiu Yang
	P-wave superconductor model		
17:40-18:00	Is there charged rho condensation?		Hao Liu

18:30 Reception at the Restaurant of Guest House, IHEP/CAS

Thursday, Oct.16th, 2014

Morning Session Chair: Jinfeng Liao

9:00-10:30	Chiral asymmetry: A remarkable form of	Igor Shovkovy
	magnetization in relativistic matter	
10:30-11:00	Coffee break	
11:00-12:30	The Magneto-sono-luminesence: photon and	Gokce Basar
	dilepton production in magnetic field	

12:30 Lunch at the Restaurant of Guest House, IHEP/CAS

Afternoon Session Chair: Defu Hou

14:30-15:15	Effective potential of QCD with strong magnetic fields at zero and finite temperatures	Sho Ozaki	
15:15-16:00	Quarkonia in Strong magnetic field	Shuzhe Shi	
16:00-16:30 Coffee break			
16:30-17:15	BCS/BE crossover in a magnetic field-the BE limit	Bo Feng	
17:15-18:00	Induced local chiral imbalance in chiral symmetric phase and inverse magnetic catalysis	Lang Yu	

18:30 Banquet at Quanjude Peking roasted duck restaurant

Friday, Oct.17th, 2014

Morning Session Chair: Xu-Guang Huang

9:00-10:30	Magnetic Catalysis vs Chiral Gap Effect	Kenji Fukushima
10:30-11:00	Coffee break	
11:00-12:30	Chiral effects and anomalous transport in the extreme matter	Jinfeng Liao

12:30 Lunch at the Restaurant of Guest House, IHEP/CAS

Afternoon Session Chair: Mei Huang

14:30-15:15	Final state effects on chiral magnetic effect and chiral magnetic wave	Guo-Liang Ma
15:15-16:00	Chiral kinetic theory and Berry phase	Shi Pu
16:00-16:30	Coffee break	
16:30-17:15	Polarization energy loss in hot viscous quark-gluon plasma	Bingfeng Jiang
17:15-17:45	$\label{eq:magnetar} \begin{tabular}{ll} Magnetar in SU(3) NJL model with vector interaction \\ and magnetized gluon potential \\ \end{tabular}$	Pengcheng Chu
17:45-18:00	Summary and free discussion	

Instruction to access IHEP wireless network

- 1) Connect"IHEP"
- 2) Start web browser and try to visit any web, then you will be redirected to a similar registration page. Please choose "Visitor", and fill the registration form with **Conference ID**: **POV9L5V2.** You will be able to access the wireless network after the registration succeeded.