

Recent Progress in Two-dimensional Systems

9th October 2014 (17 Mehr 1393)

School of Physics, IPM, Tehran

Program

8:50-9:00	9:00-9:45	9:45-10:30	10:30-11:00	11:00-11:40	11:45-12:30
R. Asgari	M. Sherafati	H. Cheraghchi	Break	A. Ghorbanzadeh	H. Rostami
12:30-14:00	14:00-14:45	14:45-15:30	15:30-16:00	16:00-16:45	16:45-17:30
Lunch	J. Abouie	F. Parhizgar	Break	B. Roostaie	A. Mazloom

Title of Talks

• Jahanfar Abouie	Anisotropic conductivity in magnetic topological insulators
• Hossein Cheraghchi	Spin and Charge transport in Ferromagnetic Graphene
• Ali Ghorbanzadeh Moghadam	Spin transport and spin-caloritronics in magnetic graphene
• Azade Mazloom	Transport Properties of Buckled Honeycomb Lattices
• Fariborz Parhizgar	Magneto-Optical responses of topological insulator thin films
• Habib Rostami,	Valley Zeeman effect in monolayer MoS ₂
• Bahman Roostaie	Interaction Driven Capacitance and Photoluminescence of Dipole Crystals in Double Mono-Layer Graphene in Strong Magnetic Fields
• Mohammad Sherafati	On the road to the defect-induced ferromagnetism in graphene