

Advanced School on Recent Progress in Condensed Matter Physics

1-2 Bahman 1393 (Jan. 21-22, 2015)

School of Physics, IPM, Tehran

Program

	9:00 – 10:30	10:30 – 11:00	11:00 – 12:30	12:30 – 14:30	14:30 – 16:00	16:00 – 16:30	16:30 – 18:00
Wednesday <i>93/11/1</i>	D. Neilson <i>Lecture I</i>	<i>B</i> <i>R</i> <i>E</i> <i>A</i> <i>K</i>	M. Mohseni <i>Lecture I</i>	<i>L</i> <i>U</i> <i>N</i> <i>C</i> <i>H</i>	R. Sepehrinia <i>Lecture I</i>	<i>B</i> <i>R</i> <i>E</i> <i>A</i> <i>K</i>	A. Naji <i>Lecture I</i>

Thursday <i>93/11/2</i>	A. Naji <i>Lecture II</i>	<i>B</i> <i>R</i> <i>E</i> <i>A</i> <i>K</i>	R. Sepehrinia <i>Lecture II</i>	<i>L</i> <i>U</i> <i>N</i> <i>C</i> <i>H</i>	D. Neilson <i>Lecture II</i>	<i>B</i> <i>R</i> <i>E</i> <i>A</i> <i>K</i>	M. Mohseni <i>Lecture II</i>
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Short presentations: Wednesday 18:00- 19:00

Title of Talks	
• Ali Naji, <i>IPM, Iran</i>	Strongly Coupled Coulomb Fluids
• David Neilson, <i>Uni. of Camerino, Italy</i>	The quest for electron-hole superfluidity
• Majid Mohseni, <i>Shahid Beheshti Uni, Iran</i>	1- Devices in Spintronics: Magnetoresistance and Spin Dynamics 2- Recent Developments in Spin Transfer Torque
• Reza Sepehrinia, <i>Tehran Uni., Iran</i>	Perturbation theory of disordered metals