

Quantum Transport in Electron Devices and Novel Materials
ECE 5390 / MSE 5472, Cornell University
Spring 2015

Final Project Presentations

Dec 14 2015, PH228

<i>Presenter</i>	<i>Topic</i>	<i>Time</i>
1 <i>Bader Samuel</i>	<i>Analytical Models of Interband Tunneling</i>	<i>8:50-9:05 am</i>
2 <i>Chaudhuri Reet</i>	<i>Path Integral Approach to Transport in RTDs</i>	<i>9:05-9:20</i>
3 <i>Chen Yen-Lin</i>	<i>Conductance of CDW Models</i>	<i>9:20-9:35</i>
4 <i>Ji Yanxin</i>	<i>Interlayer Tunneling Transport</i>	<i>9:35-9:50</i>
5 <i>Koksal Okan</i>	<i>CDW Transport in Layered Materials and Apps</i>	<i>9:50-10:05</i>
6 <i>Lee Kevin</i>	<i>Topological Edge States</i>	<i>10:05-10:20</i>
7 <i>Li Wenshen</i>	<i>Peierl's Transition effect on Transport</i>	<i>10:20-10:35</i>
8 <i>Maxwell N Fishman</i>	<i>Topologically Non-Trivial RTDs</i>	<i>10:35-10:50</i>
9 <i>San Emeterio Josue</i>	<i>Quantum Phase Transitions</i>	<i>10:50-11:05</i>
10 <i>Sundar Aditya</i>	<i>Singlet vs triplet superconductivity</i>	<i>11:05-11:20</i>
11 <i>Zhu Linyuan</i>	<i>Dimensionality Effects on Transport</i>	<i>11:20-11:35</i>