

File: ~/courses/spring2016/698e/698etimS16.doc RWN 04/26/16  
 ENEE 698e Graduate Seminar: Microelectronics Spring 2016  
 Tu 5:00 – 6:00 Room CSI 2118

Tu 01/26/16 Snow cancellation	Tu 02/02/16 Fix schedule
Tu 02/09/16 Title: Tracking System on Android Speaker: Kyunghum Lee Commentator: Jooik Chung	Tu 02/16/16  RWN to Sigma Xi
Tu 02/23/16 Title: An active micro-electrode array with spike detection and asynchronous readout Speaker: Jooik Chung Commentator: Kyunghum Lee	Tu 03/01/16 Title: Echolocating Tracking System Speaker: Jacob Isbell (1 <sup>st</sup> ) Commentator: Danny Kim (1 <sup>st</sup> ) Title: Molecular Beam Epitaxy Speaker: Ashish Alexander (1 <sup>st</sup> ) Commentator: Arum Uma Sankar
Tu 03/08/16 Title: An Accountability Architecture for the Internet Speaker: Ashraf Umar (1 <sup>st</sup> ) Commentator: Ashish Alexander (1 <sup>st</sup> ) Title: Cache Coherence Speaker: Danny Kim (1 <sup>st</sup> ) Commentator: Jacob Isbell (1 <sup>st</sup> )	Tu 03/15/16 Spring Break
Tu 03/22/16 Title: Single Electron Transistors Speaker: Yanxue Hong (1 <sup>st</sup> ) Commentator: Ashraf Umar (1 <sup>st</sup> ) Title: Unpack Malware Speaker: Danny Kim (2 <sup>nd</sup> ) Commentator: Yanxue Hong (1 <sup>st</sup> )	Tu 03/29/16 Title: Neuormorphic Circuits Speaker: Jacob Isbell (2 <sup>nd</sup> ) Commentator: Spencer Sokoloski Title: Onboard Charging EVehicles Speaker: Arun Uma Sankar Commentator: Ayan Mallik
Tu 04/05/16 Title: Neg. Res. Errors in Crossed-wire Dev. Speaker: Yangxue Hong (2 <sup>nd</sup> ) Commentator: Title: Auxiliary Power in Electric Airframes Speaker: Ayan Mallik Commentator: Ashish Alexander (2 <sup>nd</sup> )	Tu 04/12/16 Title: Control algorithm for household solar Speaker: Spencer Sokoloski Commentator: Ashraf Umar (2 <sup>nd</sup> )
Tu 04/19/16 Title: Superconducting Qubits for Quantum Computing Speaker: Ashish Alexander (2 <sup>nd</sup> ) Commentator: Yangxue Hong (2 <sup>nd</sup> )	Tu 04/26/16 Title: Resonant Switched Converter Speaker: Jiangheng Lu Commentator: Bowen Zheng Title: QR Codes Speaker: Ashraf Umar (2 <sup>nd</sup> ) Commentator: Danny Kim (2 <sup>nd</sup> )
Tu 05/03/16	Tu 05/10/16

Title: Noise in Modern Processors Speaker: Bowen Zheng Commentator: Jiangheng Lu	Last day of classes
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