

Tuesday	Tuesday
<p>09/05/06</p> <p>Organize; Set dates for student presentations Guest Speaker: Professor Paul P. Sotiriadis ECE Department, Johns Hopkins University Topic: Diophantine Frequency Synthesis</p>	<p>09/12/06</p> <p>Finalize dates, topics, for student presentations Topic 1: Presenter: Commentator:</p>
<p>09/19/06</p> <p>Topic 1: Threshold voltage instabilities in SiC power MOSFETs Presenter: Marko Tadjer (3 credits, 1st) Commentator: Binhui Hu (1 credit) Topic 2: Silicon based Single electron transistor Presenter: Binhui Hu (1 credit) Commentator: Marko Tadjer (3 credits, 1st)</p>	<p>09/26/06</p> <p>Topic 1: A 2.4 GHz CMOS Fractional-N Synthesizer Presenter: Xinhua He Commentator: Topic 2: GaN MOSFETs Presenter: Marko Tadjer (3 credits, 2nd) Commentator: Sanjay Varma (1 credit)</p>
<p>10/03/06</p> <p>Final paper choice Topic 1: Magnetic Domain configuration Presenter: Jookyung Lee (1 credit) Commentator: Guo, Shy-Hauh (1 credit) Topic 2: Presenter: Commentator:</p>	<p>10/10/06</p> <p>Topic 1: Atomic Layer Deposition Presenter: Saeed Esmaili (1 credit) Commentator: Stephen Koev (3 credits, 1st) Topic 2: Terahertz emission and detection using 2D electron gas in high electron mobility transistors Presenter: Sanjay Varma (1 credit) Commentator: Marko Tadjer (3 credits, 2nd)</p>
<p>10/17/06</p> <p>Topic 1: MEMS Biosensor Presenter: Stephen Koev (3 credits, 1st) Commentator: Rashimi Shrestha (1 credit) Topic 2: Tunable Optical Filter Presenter: Jonathan McGee (1 credit) Commentator: Stephen Koev (3 credits, 2nd)</p>	<p>10/24/06</p> <p>Topic 1: VLSI Bus Coding Presenter: Kiran Somasundaram (1 credit) Commentator: Saeed Esmaili (1 credit) Topic 2: Presenter: Commentator:</p>
<p>10/31/06</p> <p>Topic 1: Superconductor ADCs Presenter: Ivan Corretjer (1 credit) Commentator: Sean Leventhal (1 credit) Topic 2: Presenter: Commentator:</p>	<p>11/07/06</p> <p>Topic 1: Scalable Encryption with Variable Voltage Sources Presenter: Sean Leventhal (1 credit) Commentator: Ivan Corretjer (1 credit) Topic 2: Extreme Ultraviolet Lithography Presenter: Rashimi Shrestha (1 credit) Commentator: Kiran Somasundaram (1 credit)</p>
<p>11/14/06</p> <p>Topic 1: A Low Power Visual Horizon Estimation Chip Presenter: Tarek Massoud (1 credit) Commentator: Yu-Hsin Chen (1 credit) Topic 2: Metal nanoparticle enhanced fluorescence Presenter: Guo, Shy-Hauh (1 credit) Commentator: Jookyung Lee (1 credit)</p>	<p>11/21/06</p> <p>Topic 1: MEMS Biosensors Presenter: Stephan Koev (3 credits, 2nd) Commentator: Jonathan McGee (1 credit) Topic 2: Electrically pumped hybrid AlGaInAs-silicon evanescent laser Presenter: Yu-Hsin Chen (1 credit) Commentator: Tarek Massoud (1 credit)</p>
<p>11/28/06</p> <p>Topic 1: Presenter: Commentator: Topic 2: Presenter: Commentator:</p>	<p>12/05/06</p> <p>Topic 1: Presenter: Commentator: Topic 2: Presenter: Commentator:</p>
<p>12/12/06</p> <p>Last day of semester classes Topic 1: Presenter: Commentator:</p>	