## file:f:\coursesF12\698e\698etimF12.doc RWN 11/27/12 ENEE 698E Fall 2012 Graduate Seminar: Microelectronics Time Schedule Tu 17:00-17:50; CSI 2118

Tu 17:00-17:50;	C3I 2118
Tuesday	Tuesday
09/04/12	09/11/12
Organize; Set dates for student presentations	Finalize dates, topics, for student presentations
09/18/12 Topic: Training Memristive ANN Synapses	09/25/12 Topic: Fiber Bragg Grating Optical Biosensor
Presenter 1: Aggarwal, Anu	<b>Presenter:</b> Chu, Sangwook (1 <sup>st</sup> )
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Commentator: Runchey, Matthew	Commentator: Subramanian, Sowmya
	10/09/12
Topic: WTA Circuits & Applications	Topic: Parallel computing and multi-core processing
Presenter: Runchey, Matthew	Presenter: Zhang, Hui
Commentator: Aggarwal, Anu	Commentator: Ha, Dongheon (1 <sup>st</sup> )
10/16/12 Tonic: Cathon None Tube Based FET	10/23/12
Topic: Carbon Nano-Tube Based FET Biosensor for Label-Free Detection	Topic: Solar Cell Energy
	Presenter: Ha, Dongheon (1 <sup>st</sup> )
Presenter: Subramanian, Sowmya	Commentator: Zhang, Hui
Commentator: Chu, Sangwook (1 <sup>st</sup> )	
10/30/12	11/06/12
Cancelled due to hurricane	Topic: Speech Recognition
	Presenter: Joh, Jungwoo
	Commentator: Chu, Sangwook (2nd)
11/13/12	11/20/12
Topic: Energy Harvesting for Human Motion	Topic 1: Laser Devices
Presenter: Tang, Yichao	Presenter: Zahedpour Anaraki, Sina
Commentator: Srinivasa Raghavan,	Commentator: Poor Rezaei, Kamal
Seshad (1st)	Topic 2: Interband Cascade Laser
Topic: Automotive electrification	Presenter 2: Chu, Sangwook (2 <sup>nd</sup> )
Presenter: Srinivasa Raghavan, Seshad	Commentator: Joh, Jungwoo
(1st) Commentator: Ha, Dongheon (2nd)	, ,
11/27/12	12/04/12
Topic 1: Solar Cell Light Trapping	Topic 1: Orbit Control for Beams in a Ring
Presenter: Ha, Dongheon (2 <sup>nd</sup> )	Presenter: Poor Rezaei, Kamal
Commentator: Srinivasa Raghavan, Seshad (2 <sup>nd</sup> )	Commentator: Zahedpour Anaraki, Sina
Topic 2: Low Power Energy Harvesting	
Presenter 2: Srinivasa Raghavan, Seshad	Topic 2: Ultra Compact Converter Driving for
$(2^{nd})$	Electrostatic Actuators
Commentator: Tang, Yichao	
	Presenter: Chen Chen
12/11/12	
Last day of semester classes	
Topic:	
Presenter: Commentator:	
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