

ENEE 698E Fall 2000 Graduate Seminar: Microelectronics Time Schedule
 Tu 17:00-17:50; AVW 2328 (Seminar Room)

Tuesday	Tuesday
09/05/00 Organize Set dates for student presentations Choose themes	09/12/00 Finalize dates, topics, for student presentations
09/19/00 Topic: Design of DBR Lasers with Amplifiers Presenter: Frederick Seiferth Commentator: Stephen K. Powell	09/26/00 Topic: Doubly Balanced Dual Gate CMOS Mixer Presenter: Stephen K. Powell Commentator: Frederick Seiferth
10/03/00 Final paper choice Topic 1: Robust Pad Driver Presenter: Renju Thomas Commentator: Fan Zhang Topic 2: Boundary Scan Chain for Optimal Testing Presenter: Fan Zhang Commentator: Louohong Liu	10/10/00 Topic: Future Trends in IC Fabrication: Advanced e-Beam Lithography Guest Speaker: Hans Pfeiffer of IBM (guest of J. Orloff)
10/17/00 Topic 1: Soi Power Devices Presenter: Luohong Liu Commentator: Renju Thomas Topic 2: Multimedia Search and Retrieve Presenter: Kareem Darwish Commentator: Wool Chul Jeon	10/24/00 Topic 1: 12ns 8Mbyte DRAM Secondary Cache Presenter: Dongkeun Kim Commentator: Luohong Liu Topic 2: Low-Power CMOS/SOI Presenter: Luohong Liu Commentator: Brian Conaghan
10/31/00 Topic 1: Radiation Effects on MOSFETs Presenter: Esau Kanyogoro Commentator: Dongkeun Kim Topic 2: CMOS 1-Bit Full Adder Presenter: Renju Thomas Commentator: Souvik Mitra	11/07/00 Topic 1: Analog Neural Computer Presenter: Woochul Jeon Commentator: Esau Kanyogoro Topic 2: Backpropagation Learning Neural Network Presenter: Montien Saubhayana Commentator: Angela Hodge
11/14/00 Topic 1: Analog Electronic Cochlea Presenter: Hiruy Abdu Commentator: Zhiping Shi Topic 2: Built-In-Self-Test for SNR Mixed Signal Test Presenter: Angela Hodge Commentator: Montien Saubhayana	11/21/00 Topic 1: Log-Domain Filters & Bounouli Cells Presenter: Zhiping Shi Commentator: Hiruy Abdu Topic 2: Design for Test of Active Analog Filters Presenter: Angela Hodge Commentator: Montien Saubhayana
11/28/00 Topic 1: Modeling of Ultrathin Gate Oxides Presenter: Souvik Mitra Commentator: E. Kanyogoro Topic 2: Submicron C<OS Inverter Delay Presenter: Esau Kanyogoro Comentator: Renju Thoma	12/05/00 RWN to ICARCV
12/12/00 (last class day) Topic 1: Programmable Analog VLSI Neural Network Presenter: Montien Saubhayana Commentator: Angela Hodge Topic 2: Etching of copper interconnects Presenter: Brian Conaghan Commentator: Kareem Darwish	