



School of Science & Technology
Department of Engineering Science
Engineering Science Lecture Series
Sponsored by Agilent Technologies
Fall 2009-Spring 2010

Days: Every 1st and 3rd Thursdays during the academic year

Time: 4:30 – 5:30 PM, Coffee at 4:00 PM

Location: Salazar 2009A

Date	Title	Speaker
09/03/09	Modern methods for testing RF components	Dr. Joel Dunsmore, R&D Fellow, Agilent Technologies
09/17/09	Breaking the Error Floor of LDPC codes	Prof. Venkat Anantharam, EECS Dept., UC Berkeley
10/01/09	MEMS In The 21 st Century	Mr. Mike Powers, Engineering Scientist, Agilent Technologies
10/15/09	Deep packet inspection, net neutrality and you	Mr. Jim Sackman, VP of Access Development Strategy, Tellabs
11/05/09	Trends in Cardiovascular Devices	Mr. Matt Birdsall, Cardio Vascular S&T Director of Engineering & Bakken Fellow, Medtronic
11/19/09	Recent advances in solid-state laser technology	Dr. Shally Saraf, ES Dept., Sonoma State University
02/04/10	Fast, automated, photo-realistic modeling of large scale indoor and outdoor environments	Dr. Avidesh Zakhori, EECS Dept., UC Berkeley
02/18/10	From nano to giga, measurement technologies and us	Dr. Ken Wong, Manager, Agilent Technologies
03/04/10	Ic design challenges in nano-scale era: technology and circuits perspective	Dr. Hamid Mahmoodi, EE Dept., San Francisco State University
03/18/10	Performance Evaluation and Optimization of the Teleimmersion System	Prof. Ruzena Bajcsy, EECS Dept., UC Berkeley
04/01/10	The next wave in wireless technology: challenges and solutions	Prof. Andrea Goldsmith, Stanford University & IEEE Fellow
04/15/10	Nanostructures through electro-deposition	Dr. Hongtao Shi, Physics Dept., Sonoma State University

For more information, please contact the ES Department at (707) 664-2030 or engineering@sonoma.edu or go to http://www.sonoma.edu/engineering/lecture_series/