

**COMMUNICATION SCIENCES INSTITUTE  
University of Southern California  
RESEARCH REVIEW**

**Ronald Tutor Hall Dean's Boardroom**

**Thursday, March 9, 2006**

- 9:00 am            **Registration**
- 9:30 am            *Dean Yannis Yortsos, Viterbi School of Engineering*  
- Welcoming Remarks
- 9:40 am            Keynote Talk  
*Dr. John Treichler, CTO and Director, Applied Signal Technology, Inc.*  
"Using Technology to Keep Other Countries Honest"
- 10:20 am           *Professor Giuseppe Caire*  
"How Much Do We Lose By Imposing QoS Constraints in Wireless? An  
Information Theoretic Answer"
- 10:50 am           **Coffee Break**
- 11:00 am           *Professor Alan Willner*  
"Intelligent and Robust Future Optical Networks"
- 11:30 am           *Professor Urbashi Mitra*  
"CSI News and Highlights"
- 12:00 noon        **Buffet Lunch, RTH Boardroom**
- 1:30 pm            **Poster Session, RTH Second Floor Foyer**
- 2:30 pm            *Professor Igor Devetak*  
"Introduction to Quantum Shannon Theory"
- 3:00 pm            *Professor Keith Chugg*  
"PN Acquisition, Turbo Decoding and Graphical Model Extraction"
- 3:30 pm            CSI Advisory Board Meeting
- 5:00 pm            Reception for the Viterbi Lecture, Gerontology Patio**

Viterbi Museum (RTH 2<sup>nd</sup> floor) special hours: 3:30 – 5:00pm