Thursday, Sept. 27th
Scaife Hall Auditorium
Room 125 at 4:30 p.m.
Refreshments at 4:00 p.m.

T.E. Schlesinger
David Edward Schramm Professor and Head of Electrical and Computer Engineering
Carnegie Mellon University

T.E. Schlesinger is the David Edward Schramm Professor and Head of Electrical and Computer Engineering at Carnegie Mellon University. Prior to this he was the Director of the Data Storage Systems Center, Associate Department Head in ECE, and was the founding co-director of the General Motors Collaborative Research Laboratory at CMU. He received his B.Sc. degree in Physics from the University of Toronto in 1980 and his M.S. and Ph.D. degrees in Applied Physics from the California Institute of Technology in 1982 and 1985 respectively.

Professor Schlesinger’s research interests are in the areas of solid-state electronic and optical devices, nanotechnology, and information storage systems. His work and the work of his students is of interest to a number of industrial partners and he has received a number of awards and honors including: the Carnegie Institute of Technology George Tallman Ladd Award for research, and the Benjamin Richard Teare Award for teaching, 1999 and 1998 R&D 100 Awards for his work on nuclear detectors and electro-optic device technology and the Carnegie Science Center 1998 "Scientist" award. He is a Fellow of the IEEE and the SPIE, is on the Board of the ECE Department Heads’ Association, and is on the Advisory Board for the ECE Department, Georgia Tech. He has published over two hundred fifty archival journal publications and invited and contributed conference presentations and holds twelve patents.

State of ECE

Continuing a long standing annual tradition I will present an overview of our department and where it stands in terms of its various programs. This presentation will include both quantitative and qualitative descriptions of Electrical and Computer Engineering. I will discuss some of the challenges and opportunities facing the department as it pertains to our programs. Finally, continuing a theme from previous years, I will offer some thoughts on the role of technology in our modern society as it pertains to individuals and changes in their relationship with institutions.