Thursday, October 6
Scaife Hall Auditorium
Room 125 at 4:30 p.m.
Refreshments at 4:00 p.m.

T.E. (Ed) Schlesinger
Schramm Professor and Department Head
Carnegie Mellon University

T.E. (Ed) Schlesinger is the David Edward Schramm Professor and Head of Electrical and Computer Engineering at Carnegie Mellon University. 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. His research interests are in the areas of solid state electronic and optical devices, nanotechnology, and information storage. 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 served as the President of the ECE Department Heads’ Association, and is currently a member of the International Advisory Panel for the A*STAR Graduate Academy in Singapore and the Advisory Board of the ECE Department at Georgia Tech. He has received a number of recognitions including the Carnegie Institute of Technology George Tallman Ladd Award for research and the Benjamin Richard Teare Award for Teaching, a Presidential Young Investigator Award, 1999 and 1998 R&D 100 Awards, Carnegie Science Center “Scientist” award, and is a Fellow of the IEEE and SPIE. He has published over two hundred fifty archival journal publications and invited and contributed conference presentations and holds twelve patents.

A View of ECE
As one of the largest departments at Carnegie Mellon University, the research and educational programs of the Department of Electrical and Computer Engineering comprise a large and diverse group of activities, centers, and individuals. In this presentation I will review the status of ECE and update recent developments in various areas of interest to our community. I will also offer a view of the role of the types of technologies developed in the field of electrical and computer engineering in shaping society. In particular I will offer examples of how technology has changed the “balance of power” between individuals and institutions in a profound manner that we see being played out in multiple domains. As technology continues to develop this is likely to continue and thus present continued challenges and opportunities.

ECE Seminar Hosts
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