

Computer Science Seminar

An Overview of CISE Research Programs and Directions

Dr. Kenneth Calvert

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Computing and information systems play an important – and growing -- role in our economy and our society. That fact, coupled with the rapid pace of innovation in technology, make this an exciting time for research in Computer and Information Science and Engineering (CISE). This talk will give an overview of the National Science Foundation's CISE directorate and some of its programs, with a particular focus on the current activities in the Division of Computer Networks and Systems (CNS), as well as a look at some directions for future investments.

Bio: Ken Calvert is Division Director for Computer and Network Systems in the Computer and Information Science and Engineering (CISE) Directorate at the National Science Foundation. He is there on temporary assignment (since May 2016) from the University of Kentucky, where he is Gartner Group Professor in Network Engineering and former Chair of the Department of Computer Science. He has made contributions in various areas including network topology modeling, active/programmable networks, and future Internet architecture. His current research deals with the design and implementation of advanced network protocols and services, with particular interest in routing and incentives in future network architectures. He received his Ph.D. in computer science from the University of Texas at Austin. He holds a M.S. in computer science from Stanford University and a B.S. in computer science and engineering from the Massachusetts Institute of Technology. Prior to his appointment at the University of Kentucky, he was a Member of the Technical Staff at Bell Laboratories in Holmdel, NJ, and served on the faculty in the College of Computing at the Georgia Institute of Technology. He is an IEEE Fellow and a member of the ACM.

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Time: 10:00-10:50 am

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