Distinguished Lectures Fall 2017

Colorado State University’s Information Science and Technology Center (ISTeC) presents two lectures by

Dr. Mostafa Ammar
Regents’ Professor with the School of Computer Science at the Georgia Institute of Technology. He has been with Georgia Tech since 1986. Dr. Ammar received the S.B. and S.M. degrees from the Massachusetts Institute of Technology in 1978 and 1980, respectively and the Ph.D. from the University of Waterloo, Ontario, Canada in 1985. Dr. Ammar’s research interests are in network architectures, protocols and services. He has contributions in the areas of multicast communication and services, multimedia streaming, content distribution networks, network simulation, disruption-tolerant networks, mobile cloud computing, and network virtualization.

Dr. Mostafa Ammar presents two lectures by the University-wide organization for promoting, facilitating, and enhancing CSU’s research, education, and outreach activities pertaining to the design and innovative application of computer, communication, and information systems. For more information please see ISTeC.ColoState.edu.

In conjunction with the Department of Electrical and Computer Engineering, ISTeC Distinguished Lecture will be followed by a reception with refreshments: 10:30 a.m.

Lory Student Center  300

Upcoming Distinguished Lectures

**Sept. 25**

**“My Business is None of Your Business: Employing Secure Computation for Core Business”**

Dr. Moti Yung
Regents’ Professor, School of Computer Science, Georgia Institute of Technology

Lecture: 11:00 a.m.-12:00 noon

Morgan Library Event Hall

**Oct. 16**

**“Tracing the Art of Smartphone Application Security”**

Dr. Patrick McDaniel
Regents’ Professor, School of Computer Science, Georgia Institute of Technology

Lecture: 11:00 a.m.-12:00 noon

Morgan Library Event Hall

**Oct. 30**

**“Large-Scale Machine Learning and AI at AT&T: Cross-Industry Perspective”**

Dr. Ashok Srivastava
Chairperson of Computer Science, AT&T Labs

Lecture: 11:00 a.m.-12:00 noon

Morgan Library Event Hall

**The Time-Traveling Computer Networking Researcher and Other Short Stories**

Monday, Sept. 18, 2017

Reception with refreshments: 10:30 a.m.

Lecture: 11:00 a.m.-12:00 noon

Morgan Library Event Hall

Department of Electrical and Computer Engineering, and Department of Computer Science Seminar Series Sponsored by ISTeC

**The Cirrus Cloud Project: Opportunistic Mobile Cloud Computing**

Monday, Sept. 18, 2017

Lecture: 3:00-4:00 p.m.

Lory Student Center 300

Abstracts

The Time-Traveling Computer Networking Researcher and Other Short Stories

A computer networking researcher traveling forward in time from 1985, to the present would be shocked by many things... not the least of which is the fact that person computers are no longer personal computing devices, but are instead networking devices that can interact with each other in a variety of ways. People are using and creating computers and computing devices that are no longer used in the same way as they were in 1985. People are using networking devices to interact with each other in a variety of ways. People are using networking devices to interact with each other in a variety of ways. People are using networking devices to interact with each other in a variety of ways.

In this talk, I will describe some of our work within the Cirrus Cloud project that addresses the following questions: Can one bridge the gap between mobile computation requirements and traditional public cloud computing services? How can one configure resources mobile and what might be the challenges of such a deployment?

Speaker Biography

Mostafa Ammar is a Regents’ Professor with the School of Computer Science at the Georgia Institute of Technology. He has been with Georgia Tech since 1986. Dr. Ammar received the S.B. and S.M. degrees from the Massachusetts Institute of Technology in 1978 and 1980, respectively and the Ph.D. from the University of Waterloo, Ontario, Canada in 1985. Dr. Ammar’s research interests are in network architectures, protocols and services. He has contributions in the areas of multicast communication and services, multimedia streaming, content distribution networks, network simulation, disruption-tolerant networks, mobile cloud computing, and network virtualization. He has published extensively in these areas. To date, 50+ Ph.D. students have completed their degrees under his supervision. Many have gone on to distinguished careers in academia and industry. Dr. Ammar has served the networking research community in multiple roles. Most notably, he served as the Editor-in-Chief of the IEEE/ACM Transactions on Networking (TNN) from 1998 to 2004, and was the founding Editor-in-Chief of the IEEE/ACM Transactions on Mobile Computing. He is a fellow of the IEEE, the ACM, and the IET. He has received multiple awards for his research, including the ACM SIGCOMM 2003 Best Paper Award, the ACM SIGCOMM 2007 Best Paper Award, the ACM SIGCOMM 2015 Best Paper Award, and the ACM SIGCOMM 2017 Best Paper Award. He was elected a fellow of the IEEE in 2002 and fellow of the ACM in 2003.

To arrange a meeting with the speaker, please contact Prof. Amrita Jayasumana (Amrita.Jayasumana@colostate.edu).

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