Colloquia

Archives: Fall 2018

Department of Electrical and Computer Engineering Colloquia: Tufts University

All seminars are open to the public. Our seminars are a great opportunity to see the results of exciting new research by faculty, students, or other institutions, or just to get a sense of what the ECE Department is all about. For comments or questions, or if you would like to receive email notifications of upcoming colloquia, please send us an email.

Location: Halligan Hall, Room 102, Fridays from 1:45pm to 2:45pm (refreshments at 1:35pm), unless otherwise noted.

Organizers: Mai Vu & Brian Tracey

September 14, 2018
"Next-generation communication systems"
Speaker: Rafia Malik, Ph.D. student, Tufts University
*Location: 574 Boston Ave, Room 404*

September 21, 2018
"Acoustic Noise Cancellation, theory and practice"
Speaker: Robert Adams, E76, Technical Fellow, Analog Devices

September 28, 2018
"Flexible Radios & Flexible Networks"
Speaker: Alyssa Apsel, Ph.D., Director & Chair of ECE at Cornell University

October 5, 2018
"Adaptive Caching Algorithms with Optimality Guarantees for Arbitrary Network Topologies" Speaker: Edmund Yeh, Ph.D., Professor, ECE, Northeastern University (NEU)

October 12, 2018
*IEEE CAS Distinguished Lecture Series*
"Microelectronic Systems for Improved Quality of Life"
Speaker: Julius Georgiou, Ph.D., Associate Professor, ECE, University of Cyprus

October 19, 2018
"Improving Rehabilitation Outcomes Using Mobile Health Technology"
Speaker: Paolo Bonato, PhD, Associate Professor & Director at Motion Analysis Laboratory, Spaulding Rehabilitation Hospital, Department of Physical Medicine and Rehabilitation (PM&R) at Harvard Medical School

October 26, 2018
"Centralized Radio Access Networks for Cellular Systems"
Speaker: Joe Farkas, President & CTO, Collision Communications Inc.

Tuesday, October 30, 2018 *
6:00pm *
"Explainable AI: Why Do Deep Models Make Certain Decisions?"
*Guest Speaker for EE 193: Software Engineering*
Speaker: Sarah Bargal, Ph.D. candidate, Boston University

**November 2, 2018**
"Age of Information in Status Update Systems"
Speaker: Donald Richard Brown, Ph.D., Professor and Associate Department Head, ECE, Worcester Polytechnic Institute (WPI)

**November 9, 2018**
"Physics, Engineering ( and Job Opportunities!!) in Antimonide Superlattice Infrared Detectors"
Speaker: Sanjay Krishna, George R. Smith Chair in Engineering; Professor, ECE, Ohio State University (OSU)

**November 16, 2018**
"Regression Analysis with Sparsity Condition and Applications in Computer Vision"
Speaker: Yin Wang, Ph.D., Senior Research Engineer, Avigilon, a Motorola Solutions Company

**November 23, 2018**
Thanksgiving Break

**November 30, 2018**
"STR's Software Defined Hardware—A DARPA Project"
Speaker: Brad Gaynor, Ph.D., E01, EG02, EG14, Principal Scientist in the Cyber-Physical Systems Group at Systems & Technology Research (STR)

**December 7, 2018**
"Performance and Energy Efficiency Acceleration with Heterogenous Systems"
Speaker: Carole-Jean Wu, Ph.D., Associate Professor, Computer Science and Engineering; Graduate Faculty of School of Electrical, Computer, and Energy Engineering at Arizona State University; Research Scientist at Facebook

**December 14, 2018**
Exams