

## 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*