

Colloquia

Archives: Spring 2019

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

January 18, 2019

"Neurophysiology: Theory and Practice at a Research Hospital"

Speaker: Damon Hyde, Philips Neurology & Sameer Dhamne, Department of Neurology, Boston Children's Hospital

January 25, 2019

"Applied Machine Learning for Wall Street"

Speaker: George Zavaliagos, VP of Technology, Sense Labs

February 1, 2019

"Adventures with 2D Materials: From Transistors, Atomistors, Tattoos, and Beyond"

Speaker: Deji Akinwande, Ph.D, Associate Professor of Electrical and Computer Engineering at University of Texas at Austin

February 8, 2019

"Polynomial Rooting Techniques for Adaptive Array Direction Finding"

Speaker: Gary Hatke, Ph.D., Leader of the Advanced RF Techniques and Systems Group, MIT Lincoln Laboratory

February 15, 2019

"Microscale engineering to electromicrobiology"

Speaker: Seokheun "Sean" Choi, Ph.D., Associate Professor, SUNY Binghamton

February 22, 2019

Speaker: Ulya Karpuzcu, Ph.D., Associate Professor, University of Minnesota and Brown University (visiting)

March 1, 2019

"Changing Form Factor of Printed/3D Printed Electronics"

Speaker: Corey Shemelya, Ph.D., Assistant Professor, University of Massachusetts-Lowell

March 8, 2019

"Tensile-strained self-assembly of quantum dots for entangled photon sources and band structure engineering"

Speaker: Paul Simmonds, Ph.D., Assistant Professor, Boise State University

March 15, 2019

"Mechanism and New Applications of Large and Persistent Photoconductivity"

Speaker: Rafael Jaramillo, Ph.D., Assistant Professor, MIT

March 22, 2019

Spring Break

March 29, 2019

Speaker: Stephanie Law, Ph.D., Assistant Professor, University of Delaware

April 5, 2019

"Paper-Based Electronics for Sanitization and Skin-Like Functionality"

Speaker: Aaron Mazzeo, Ph.D., Assistant Professor, Rutgers University

April 12, 2019

"Nanomaterials and Devices for Spectrally-Selective Solar Energy Harvesting"

Speaker: Susanna Thon, Ph.D., Assistant Professor, Johns Hopkins University

April 19, 2019

"Algorithm-Hardware Co-Design for Energy-Efficient Neural Network Inference"

Speaker: Paul Whatmough, Principal Research Engineer, ARM

April 26, 2019

"Listening to the Sound of Light to Guide Surgeries"

Speaker: Muyinatu Bell, Ph.D., Assistant Professor, Johns Hopkins University