

2016 Spring Colloquium - Wilson Lecture Series

Department of Electrical and Computer Engineering

Reception 3:30 p.m. Keller Hall Annex 3-230 Hallway

Presentation 4:00 p.m. Keller Hall Annex 3-230

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| <p>Thursday, January 21 "Some Applications of The Theorem of Fisher-Tippett-Gnedenko"</p>  <p>Professor Vahid Tarokh Harvard University Host: Prof. Mehmet Akcakaya</p> | <p>Thursday, January 28 "Attojoule Efficient Opto-electronics: enhancing light-matter-interactions in modulation and switching devices"</p>  <p>Professor Volker Sorger George Washington University Host: Prof. Tony Low</p> | <p>Thursday, February 4 "Imaging, electron transport, and energy harvesting using solid state nanostructures"</p>  <p>Professor Edward Yu University of Texas—Austin Host: Prof. Mo Li</p> | <p>Thursday, February 11 "Printed Electronics: Innovation in Materials, Processes, and Devices"</p>  <p>Professor Vivek Subramanian University of California—Berkeley Host: Prof. Sarah Swisher</p> | <p>Thursday, February 18 "Micro and Nano Magnetic Transducers"</p>  <p>Professor Jürgen Kosel KAUST University Host: Prof. Beth Stadler</p> |
| <p>Thursday, February 25 "Stochastic Circuits for Near Sensor Signal Processing"</p>  <p>Armin Alaghi University of Washington Host: Prof. Marc Riedel</p> | <p>Thursday, March 3 "Mid-IR to THz Polaritonics: Realizing Alternative IR Materials"</p>  <p>Joshua Caldwell U.S. Naval Research Laboratory Host: Prof. Sang-Hyun Oh</p> | <p>Thursday, March 10 "Integrated Imaging: Creating Images from the Tight Integration of Algorithms, Computation, and Sensors"</p>  <p>Professor Charles Bouman Purdue University Host: Prof. Mos Kaveh</p> | <p>Thursday, March 24 "Promises, Problems, and Practicalities for Nanomaterials in Transistors"</p>  <p>Professor Aaron Franklin Duke University Host: Prof. Steve Koester</p> | <p>Thursday, March 31 "Inkjet-/3D-Printed Paper/Polymer-Based 'Green' RFID and Wireless Sensor Nodes: the Final Step to Bridge Cognitive Intelligence, Nanotechnology, and RF"</p>  <p>Professor Manos Tentzeris Georgia Institute of Technology Host: Prof. Rhonda Franklin</p> |
| <p>Thursday, April 7 "Power Semiconductors: Technologies, Products and Future Trends"</p>  <p>Carlos Laber Carlos Laber Engineering Consulting Services Host: Prof. Mos Kaveh</p> | <p>Thursday, April 14 "Flexible Electronics: Addressing Societal-scale Challenges with Nanoscale Materials"</p>  <p>Professor Sarah Swisher University of Minnesota Host: Prof. Paul Ruden</p> | <p>Thursday, April 21 "The chronnectome: approaches to study time-varying changes in whole brain connectivity"</p>  <p>Professor Vince Calhoun The Mind Research Network & University of New Mexico Host: Prof. Keshab Parhi</p> | <p>Thursday, April 28 "Hybrid Perovskite solar cells: Opportunities and challenges"</p>  <p>Aditya Mohite Los Alamos National Laboratory Host: Prof. Paul Ruden</p> | <p>Thursday, May 5 "Can We Save Energy If We Allow Errors in Computing?"</p>  <p>Professor Janak Patel University of Illinois at Urbana-Champaign Host: Prof. John Sartori</p> |

Wilson Lectures — Established in 2009, the Eleanore Hale Wilson Fund supports engineering field leaders for travel to Minnesota to share their expertise and discoveries with University of Minnesota graduate students, faculty, and alumni. The fund also supports the receptions held in honor of each speaker.