

Department of Electrical Engineering

EE290 SPRING SEMINAR SERIES

All seminars will be held on Mondays from 10:40am to 11:40am at E2-192.

A light breakfast will be provided at 10:30am.

DATE	SPEAKER	TITLE
4/9	Tali Konry Assistant Professor Bouve College of Health Sciences Northeastern University	Understanding of NK Cell Effector Functions: A Single-Cell Lab-on-a-Chip Perspective
4/16	Yhi-Fang Huang Professor, Electrical Engineering Senior Associate Dean, College of Engineering, University of Notre Dame	Event-Triggered Sensing, Information Processing and Estimation for Internet of Things
4/23	Jeff Bokor Paul R. Gray Distinguished Professor, and Chair of Electrical Engineering, UC Berkeley Lawrence Berkeley National Laboratory	Ultrafast Spintronics
5/7	Mehdi Bahrami Member of Research Staff Fujitsu Laboratories of America	Machine Learning based Data Privacy Preservation in Cloud
5/14	Mert Korkali Power System Engineer Lawrence Livermore National Laboratory	TBD
5/21	Marcela Gomez Assistant Professor Applied Math & Statistics UC Santa Cruz	Controlling Biology: From Single Cell Networks to Emergent Population Level Dynamics
6/4	Victor Zhirnov Chief Scientist Semiconductor Research Corporation	Future Microsystems for Information Processing: Limits and Lessons from the Living Systems

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EE290 WINTER SEMINAR SERIES

All seminars will be held on Mondays from 10:40am to 11:40am at E2-192.

A light breakfast will be provided at 10:30am.

DATE	SPEAKER	TITLE
1/22	Reza Rahimi Principal Algorithm and Software Architect, Huawei US R&D Storage Lab	SLA-Aware Service Orchestration in Mobile Cloud Computing
1/29	Graeme Davis Morris Hertzstein Distinguished Professor Biochemistry and Biophysics, UCSF	The Stable Brain: Design and Implementation of Homeostatic Control
2/12	Stan Williams Senior Fellow, HP Laboratories	Nonlinear Dynamics and Imaging of Current Density and Electric Field Bifurcations Caused by Electronic Instabilities
2/26	Na Ji Associate Professor Molecular & Cell Biology Departments UC Berkeley	Probing Neural Circuits with Shaped Light
3/12	Alberto J. Lamadrid Assistant Professor Economics Department Lehigh University	Stochastic-Robust and Robust Programs for the Ramp-Constrained Economic Dispatch Problem with Uncertain Renewable Energy

Seminar organizers: Prof. Sara Abrahamsson (sara@ucsc.edu) and Prof. Yu Zhang (zhangy@ucsc.edu)

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EE290 FALL SEMINAR SERIES

DATE	SPEAKER	TITLE
10/2 <i>E2-192</i>	Merwin Brown Retired Affiliate Sr. Advisor CIEE, UC Berkeley	The Real Reasons We Must Have a Smart Grid for the 21 st Century
10/9 <i>E2-192</i>	Dikshitulu Kalluri Professor Emeritus ECE, University of Massachusetts Lowell	Inexpensive Microwave to Terahertz Frequency and Polarization Transformer: Application of Space-Time Modulated Lorentz Media
10/16 <i>E2-192</i>	Andrew Gordus Assistant Professor Department of Biology Johns Hopkins University	Individuality & the Neuronal Circuits that Generate of Behavioral Variability
10/30 <i>E2-192</i>	Brian Otis CTO, Verily Life Sciences Alphabet Inc.	The Curious Case of the Imperceptible Data
11/6 <i>E2-192</i>	Sean Doris Postdoctoral Researcher Electronic Materials and Devices Laboratory, PARC	Controlling the Electrical Properties of Organic Electronics with Electrochemistry
11/13 <i>E2-192</i>	Dmitri Strukov Associate Professor ECE, UC Santa Barbara	Emerging Memories for Neurocomputing
11/27 <i>E2-192</i>	Vladimir Nikitin Senior Director New Memory Technology Samsung Electronics Inc.	Spin-Transfer Torque Magnetic Random Access Memory: Present Status and Challenges
12/4 <i>E2-192</i>	Jon Schuller Assistant Professor ECE, UC Santa Barbara	Engineering and Spectroscopy of Photon Momentum

Seminar organizers: Prof. Sara Abrahamsson (sara@ucsc.edu) and Prof. Yu Zhang (yzhan419@ucsc.edu)

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