ECE Department welcomes three new faculty this semester!

The electrical engineering department has three new faculty members starting this semester. Their presence bodes well for the future of the department. They are:

**Matthew Eisaman**

Prior to starting his joint appointment with the SBU ECE Dept. and Brookhaven National Laboratory (BNL), Dr. Eisaman was a physicist in the Sustainable Energy Technologies Department at BNL from 2011-2014. From 2008-2011, he was an Applied Physicist in the Cleantech Innovation Program at Xerox PARC (Palo Alto Research Center, Inc.), and from 2006-2008 he was a National Research Council Postdoctoral Research Associate at the National Institute of Standards and Technology. Dr. Eisaman received a Ph.D. in physics from Harvard University in 2006, and an A.B. in physics (magna cum laude) from Princeton University in 2000.

Dr. Eisaman's research explores technologies for improving the efficiency of solar cells, including photonic nanostructures for light trapping and improved device efficiency, and the connection between structural variations and performance at the nanoscale.

**Shan Lin**

Shan Lin (<www.ece.sunysb.edu/~slin/>) joined Stony Brook University as an assistant professor in 2014. Before joining Stony Brook, Dr. Lin was an assistant professor at Temple University since 2010. Dr. Lin received his PhD in computer science working under the direction of Professor John A. Stankovic at the University of Virginia in 2010. His PhD dissertation is on Taming Networking Challenges with Feedback Control.

Dr. Lin's research is in the area of networked systems, with an emphasis on feedback control based design in cyber physical systems and sensor systems. His major research results lie in wireless network protocols, networked medical devices, first responder systems, and smart transportation systems. Dr. Lin is broadly interested in computer networks, embedded systems, distributed computing, networked information systems, sensor systems, and robotics.
Fan Ye

Dr. Fan Ye received his Ph.D. in 2004 from the Computer Science Department of UCLA. He got his M.S. and B.E. from Tsinghua University in 1999 and 1996. After about 8 years in IBM T. J. Watson as a Research Staff Member working on multiple projects including stream processing systems, cloud and wide area messaging, mobile crowdsensing, he went back to China to Peking University exploring mobile sensing systems and applications. He joined the ECE department of Stony Brook in 2014.

His Ph.D. dissertation was on wireless sensor networks. He has published over 50 peer reviewed papers that have received about 6000 citations according to Google Scholar. He has 21 granted/pending US and international patents/applications. He was the co-chair for the Mobile Computing Professional Interests Community at IBM Watson for two years. He received an IBM Research Division Award, 5 Invention Achievement Plateau awards and a Best Paper Award for the International Conference on Parallel Computing 2008.

His current research interests include mobile sensing platforms, systems and applications, Internet-of-Things, indoor location sensing, wireless and sensor networks.