

When: Friday 12:40 – 13:40

Where: ETB 1020

Speaker: Shuiwang Ji

Associate Professor
Department of Computer Science & Engineering
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Title: Deep Learning for Texts, Images, and Graphs: Methods and Applications

Date: 4-5-2019

Abstract: The Data Integration, Visualization, and Exploration (DIVE) Lab has been working on developing new deep learning methods for analyzing texts, images, and graphs. The lab has also been working on applying these methods in solving real-world problems in biology, neuroscience, and medicine. In this talk, I will describe our new deep learning methods for text, image, and graph analysis. I will also describe how our methods have been used to solve real-world problems in biology, neuroscience, and medicine.

Bio: Shuiwang Ji is an Associate Professor of Computer Science and Engineering, Texas A&M University. He received the Ph.D. degree in Computer Science from Arizona State University in 2010. His research interests include machine learning, data mining, and computational biology. Shuiwang Ji received the National Science Foundation CAREER Award in 2014. Currently, he serves as an Associate Editor for ACM Transactions on Knowledge Discovery from Data, and an Action Editor for Data Mining and Knowledge Discovery. He was a program chair for the 2017 Bioimage Informatics Conference and serves as a senior program committee member for AAAI, IJCAI, KDD, SDM, and PAKDD. He has served as a technical program committee member of major conferences in machine learning (ICML, NIPS, ICLR), data mining (KDD, SDM, ICDM), and bioinformatics and medical image computing (MICCAI and PSB).