



RUTGERS
UNIVERSITY

INSTITUTE FOR DATA SCIENCE
LEARNING AND APPLICATIONS
RUTGERS UNIVERSITY
NEWARK, NEW JERSEY, 07102

I-DSLA

I-DSLA Spring 2015 Speaker Series

"Learning. Complexity and the Cognitive Sciences"

January 30

Location: CLJ 123 Washington Street ROOM 572

Time: 12:30pm

Yann Le Cun FACEBOOK & NYU

"The Unreasonable Effectiveness of Deep Learning."

Yann LeCun is Director of AI Research at Facebook, and Silver Professor of Data Science, Computer Science, Neural Science, and Electrical Engineering at New York University. He directed NYU's initiative in data science and became the founding director of the NYU Center for Data Science. He was named Director of AI Research at Facebook in late 2013. His current interests include AI, machine learning, computer perception, mobile robotics, and computational neuroscience. The character recognition technology he developed at Bell Labs is used by several banks around the world to read checks and was reading between 10 and 20% of all the checks in the US in the early 2000s. His image compression technology, called DjVu, is used by hundreds of web sites and publishers and millions of users to access scanned documents on the Web. Since the late 80's he has been working on deep learning methods, particularly the convolutional network model, which is the basis of many products and services deployed by companies such as Facebook, Google, Microsoft, Baidu, IBM, NEC, AT&T and others for image and video understanding, document recognition, human-computer interaction, and speech recognition.