Deep Learning & Data Mining // Spring 2018 Workshop
organizer: Robert Azencott, UH Mathematics (razencot@math.uh.edu)

Thirteen Case Studies

**Tuesday May 1st** from 11.30 am to 1.15 am, PGH Room 646
S. Salavati & S. Tasoujian Automatic Control: Convolution Neural Nets

**Thursday May 3rd** from 11.30 am to 1.15 am, PGH Room 646
H. Ghaemi & M. Zembrano Movies Search: Boltzmann Machines
H. Yang & T. Pan Analysis of Chinese microblogs: Deep Neural Nets

**Friday May 4th** from 9am to 11 am, SEC Room 205
H. Zhang & Y. Zhao Automatic Classification of Frog Calls: Deep Learning
A. Rahmati & H. Ziyaee Life Prediction for Aircraft Engines: Machine Learning
M. Tempalli Unsupervised Representation Learning

**Monday May 7th** from 9am to 12 pm, PGH, Room 646
R. Banez Satellite Images Annotation: Supervised Learning
C. Kunam Breast Cancer Detection: Artificial Neural Nets
J. RodriguezAllon Automatic Fault Detection in Power Distribution Systems
L. Jian & S. Grieger Face Recognition: Deep Neural Nets

**Tuesday May 8th** from 11am to 12.30 pm, SEC, Room 201
G. Balagopal & V. Bevan Unsupervised Learning of Inputs Main Features