

## RISE Talks Series

- Who?** Minjoon Kouh, Assistant Professor of Physics
- What?** Deep Learning Algorithms
- Where?** Hall of Sciences, Room S-326
- When?** 12:00-1:00 on Thursday, September 18

There has been renewed interest in multi-layer (deep) neural network models, thanks to recent success stories that use deep learning algorithms. These algorithms provide efficient rules for estimating parameters in the model. For example, some learning algorithms are designed to determine neuron-to-neuron connections that minimize classification error. I will present a few old and new approaches for training a deep neural network, including biologically-inspired neural network models for visual object recognition.



