

Faculty Name:

Xiaodong Wang

Faculty Email:

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Lab:

Signal processing and communications

Project Title:

Deep compressed sensing with application to communications and sensing

Description:

Using a generative neural network to represent a sparse signal with a low-dimensional latent variable is done offline. Then during the online stage, perform signal processing on the latent variables, significantly reducing the real-time signal processing complexity.

Location of Research:

On-Site

of hrs/week:

30

Department/Program:

Electrical Engineering

Eligibility:

BS, First Year, BS, Second Year

To apply, please contact:

xw2008@columbia.edu