

1154-94-1074 **Qiyu Sun*** (qiyu.sun@ucf.edu), Department of Mathematics, Orlando, FL 32765. *Some Inverse Problems in Graph Signal Processing*. Preliminary report.

Graphs signal processing offers a powerful tool to handle massive data set having complicated structure and interactions. In this talk, I will present some distributed approach to some inverse problems, such as signal reconstruction, inverse filtering and phase retrieval, in graph signal processing. (Received September 13, 2019)