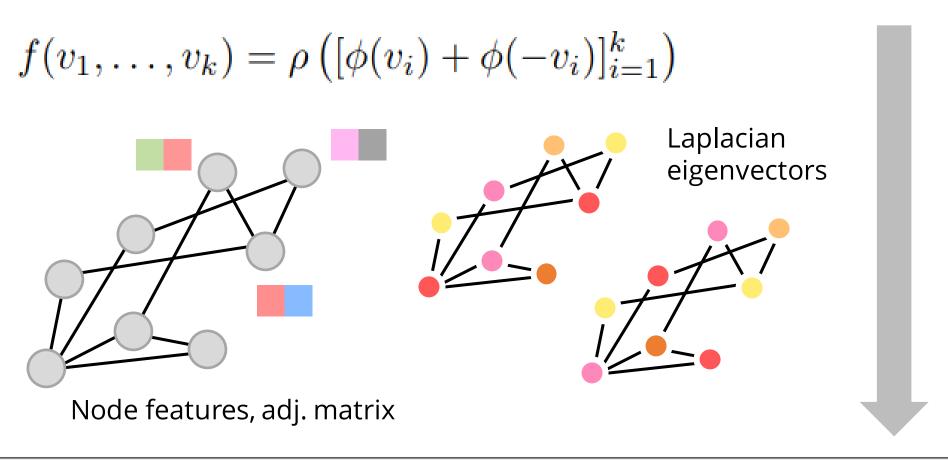
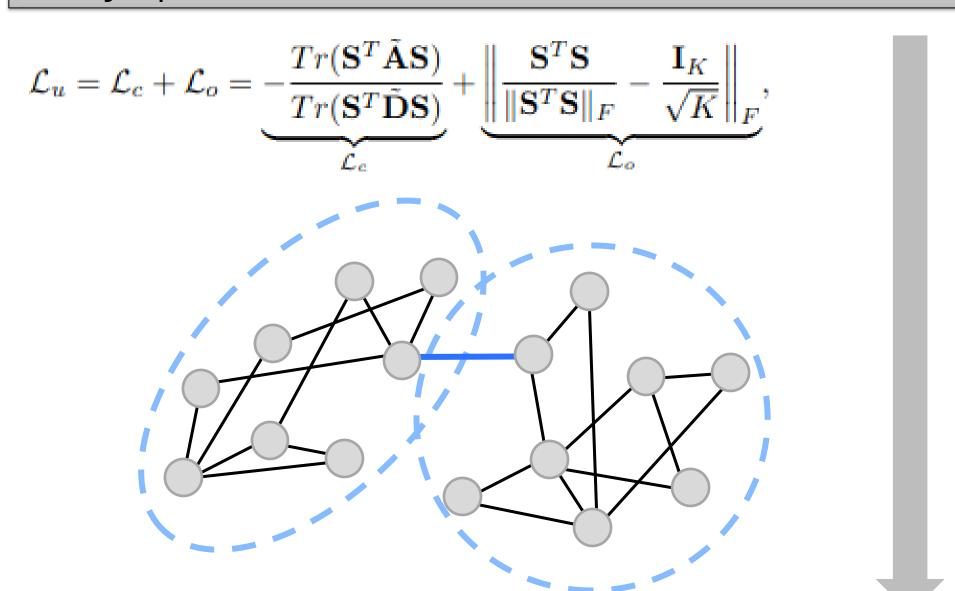
Architecture Diagram

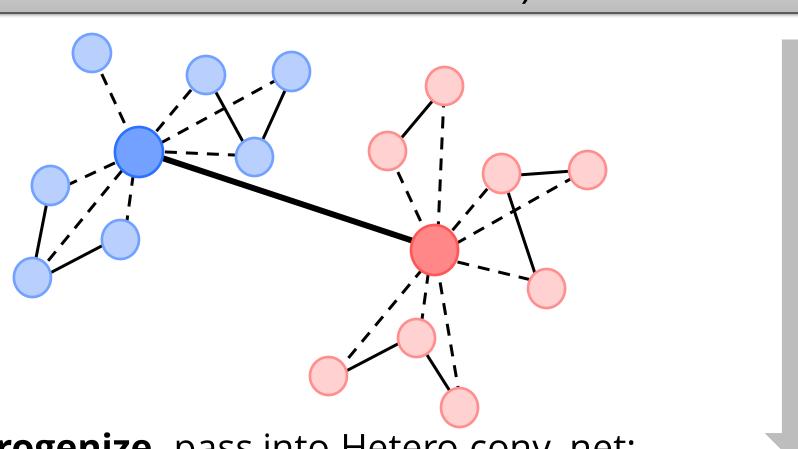
SignNet positional encoding using DeepSets



Jointly optimize MP-GNN and MLP to minimize:

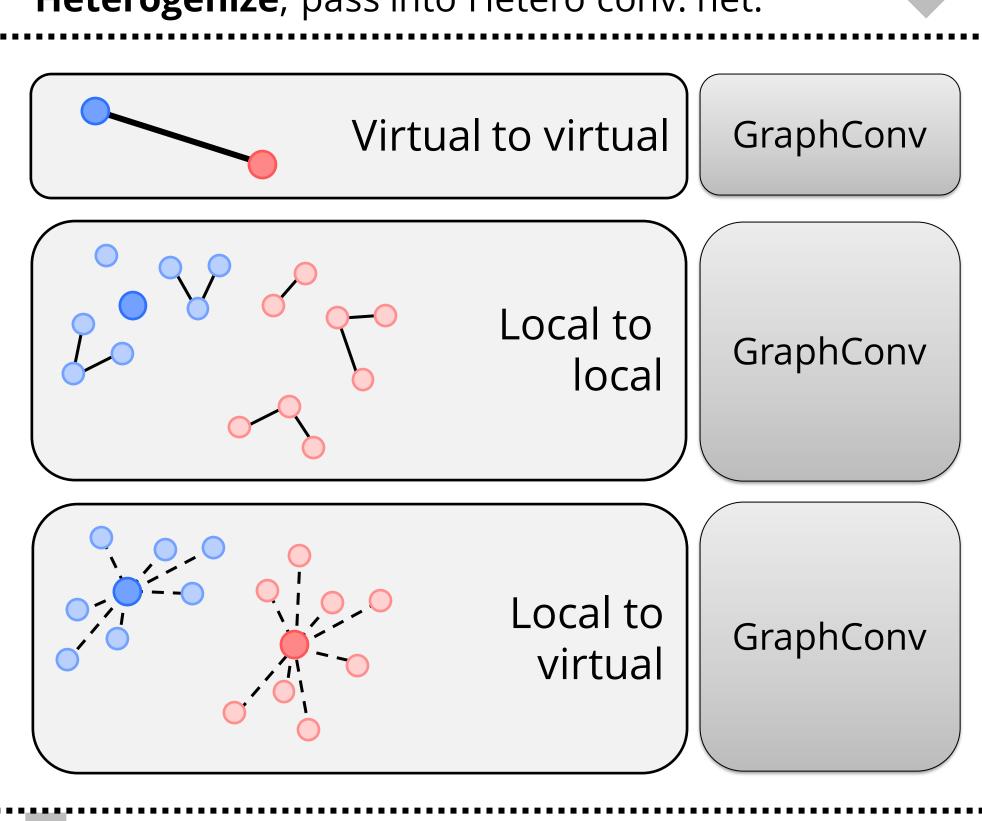


Clustered graph to coarsen representation (dashed lines represent connection to virtual node.)



Heterogenize, pass into Hetero conv. net:

Optional MLP



Graph- or

node-level

predictions