

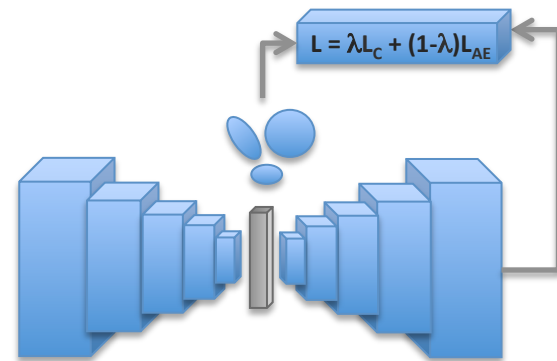
## Individual traits



## Relational interactions



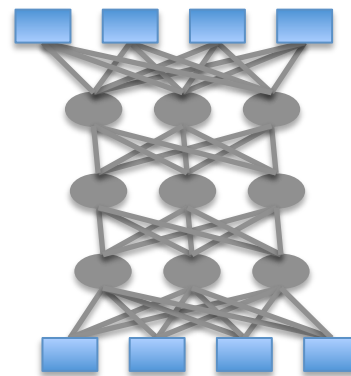
## Collective behaviors



Clustering network

- Social signal processing
- Interactive clustering of personalities

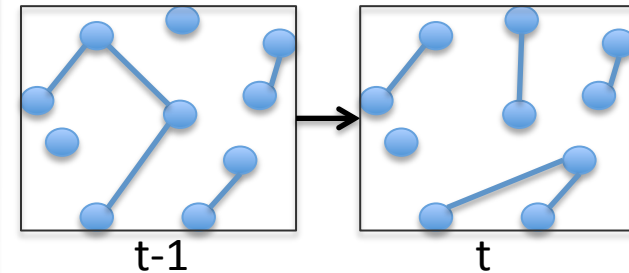
**Individual personality profile**



Coupled neural network

- Modeling interactional extents
- Identifying nonverbal transactions

**Interpersonal dynamic metrics**



Dynamic influence network

- End-to-end integration and fusion
- Evaluating collective behaviors

**Emotional “shape” of a group meeting**