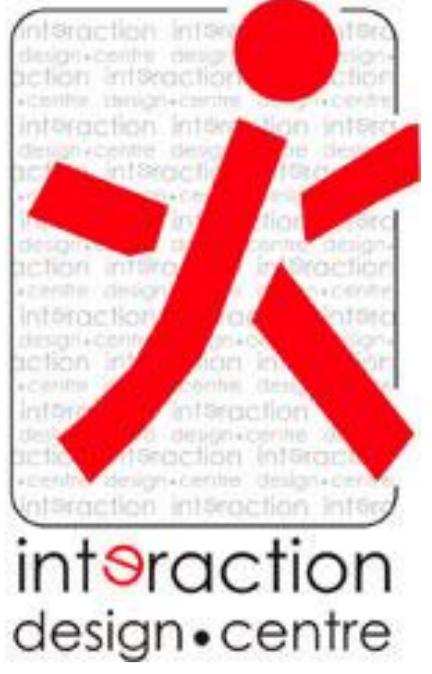




Middlesex  
University

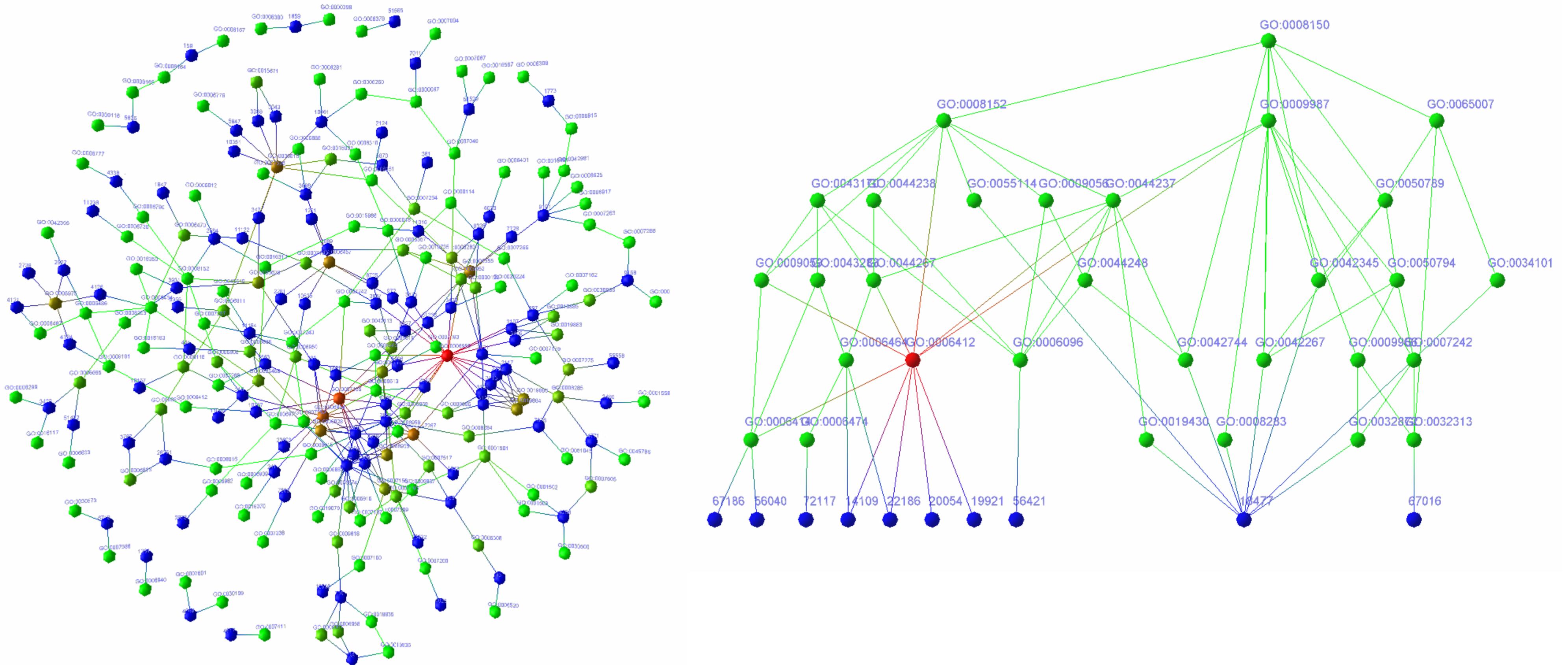
# Biological Network Visualisations (mostly)

Kai Xu, Middlesex University, UK

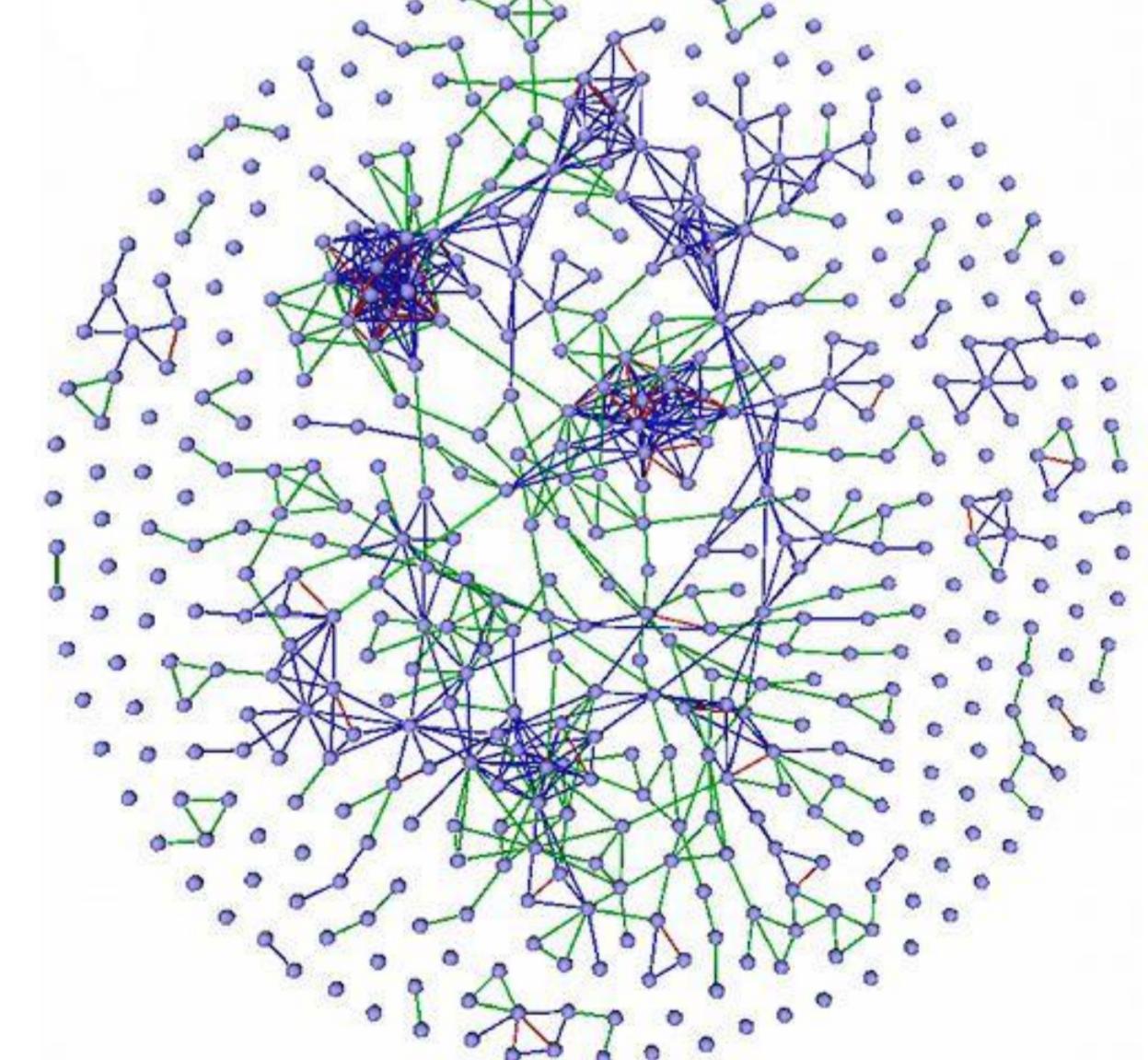
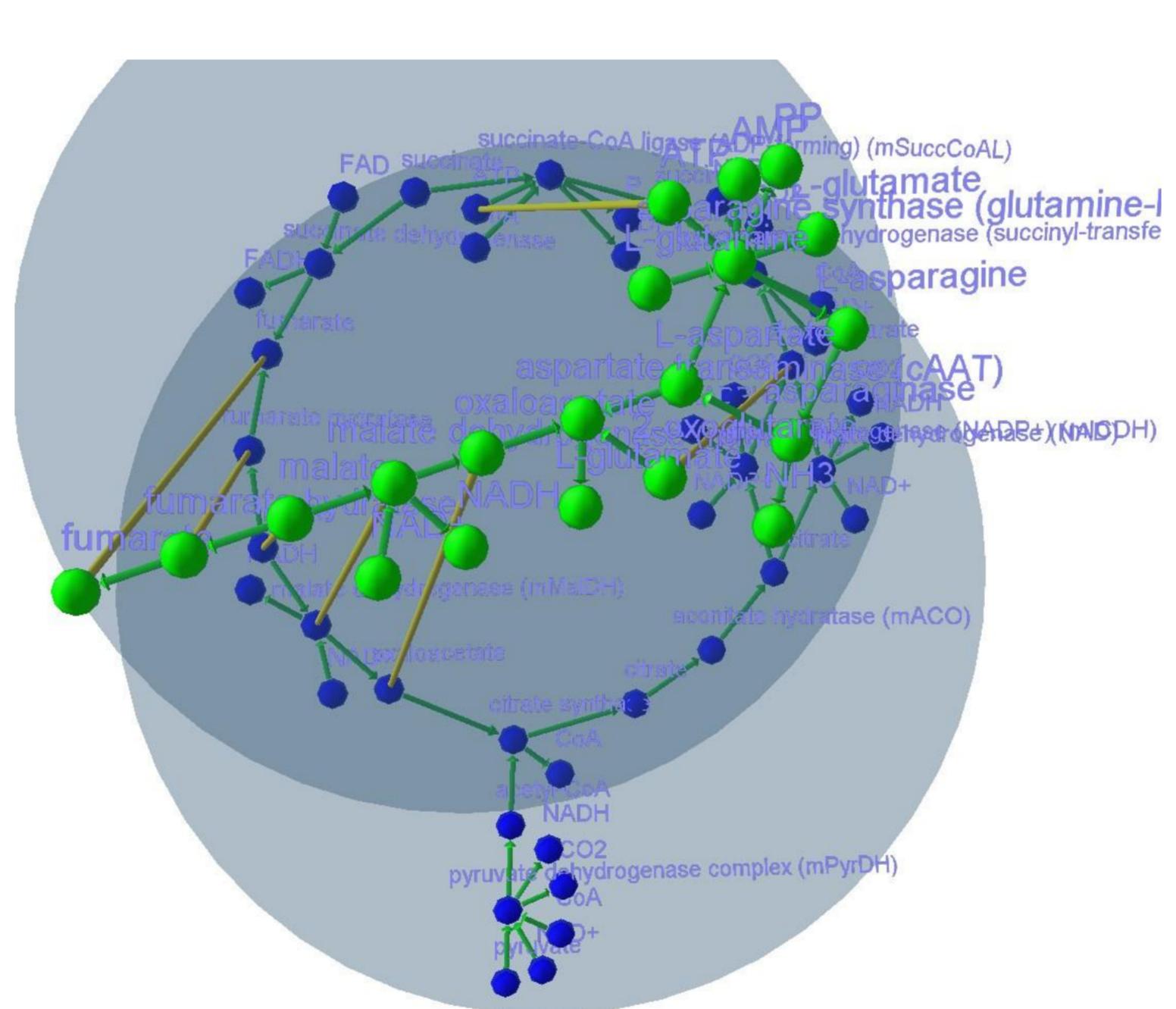
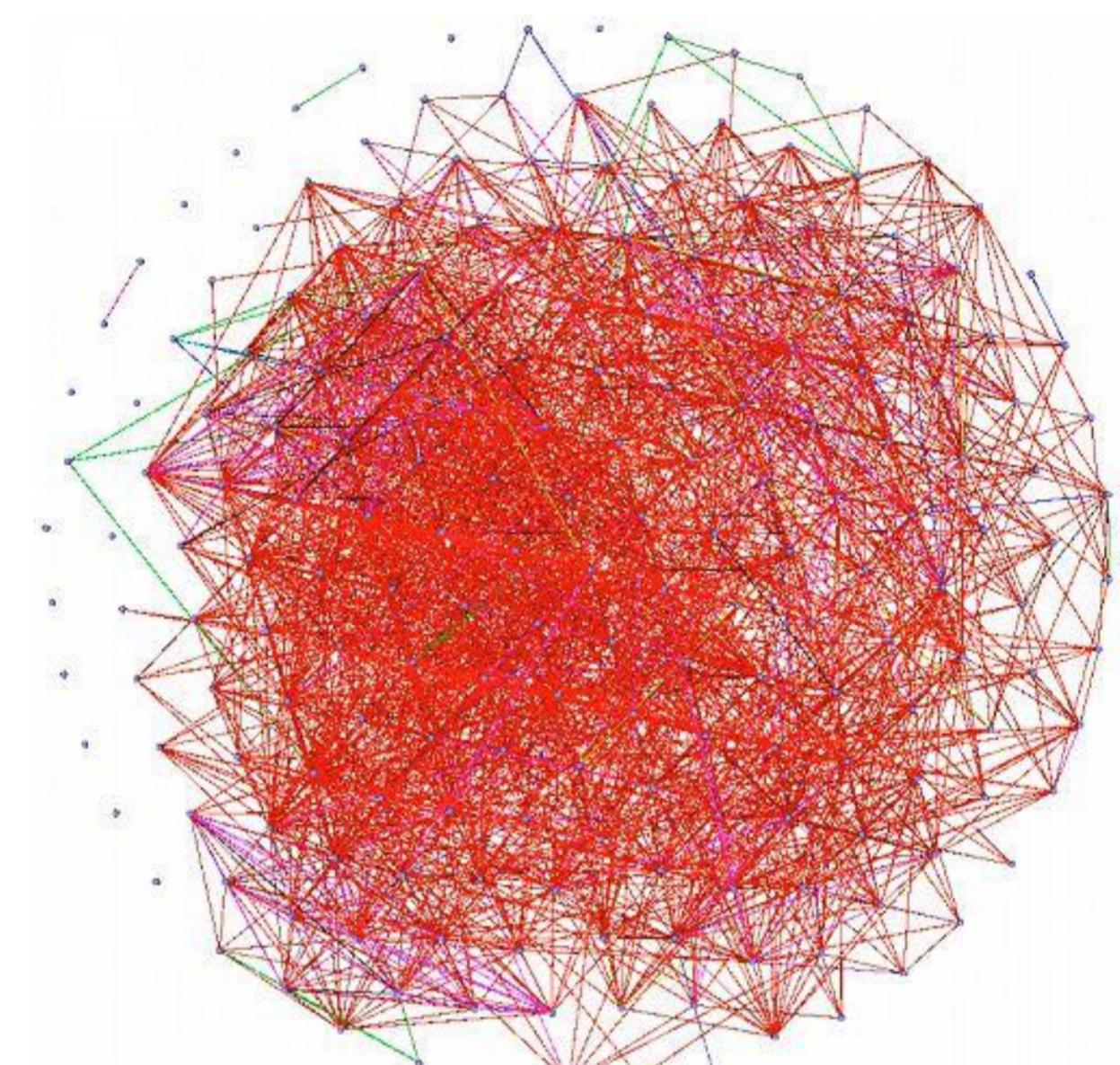
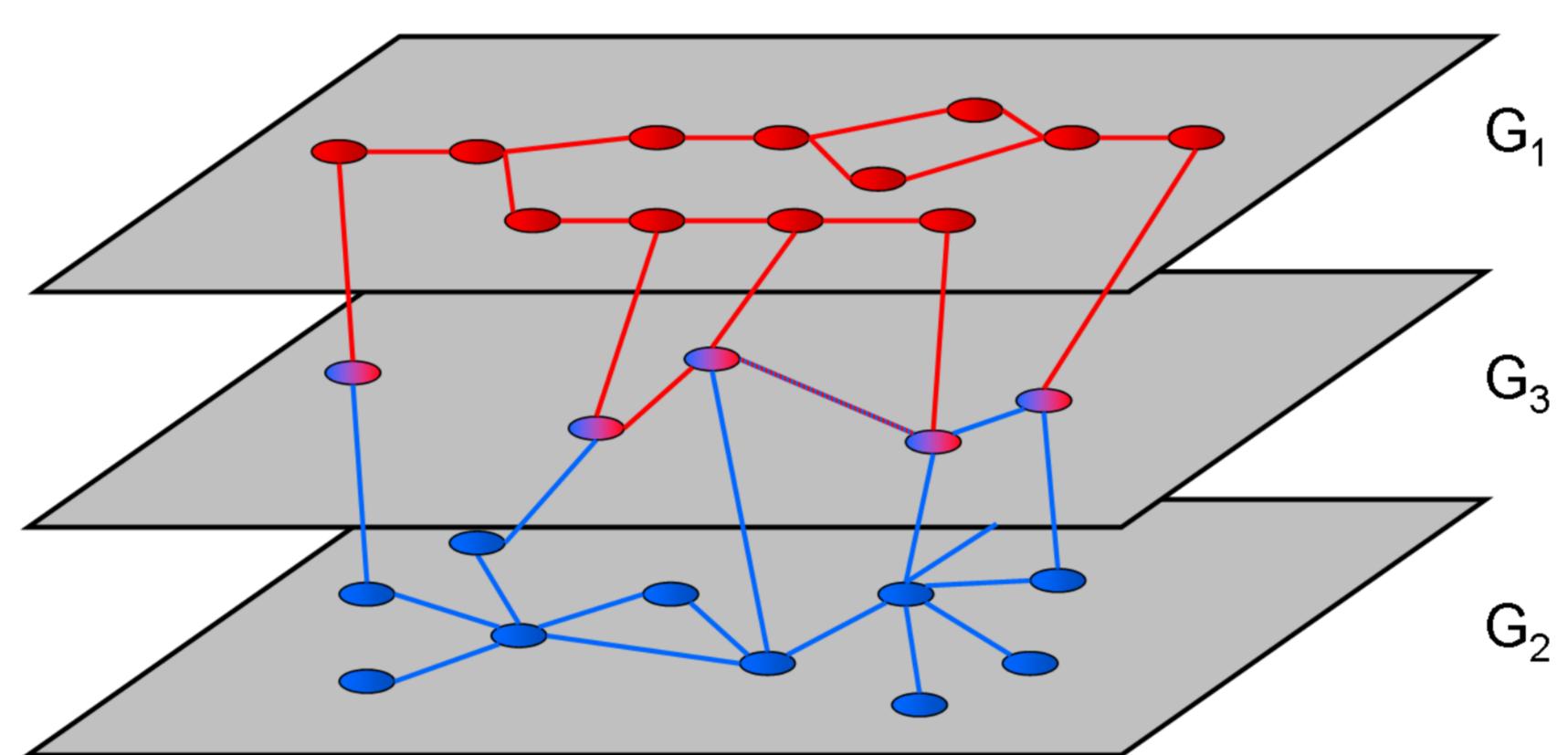
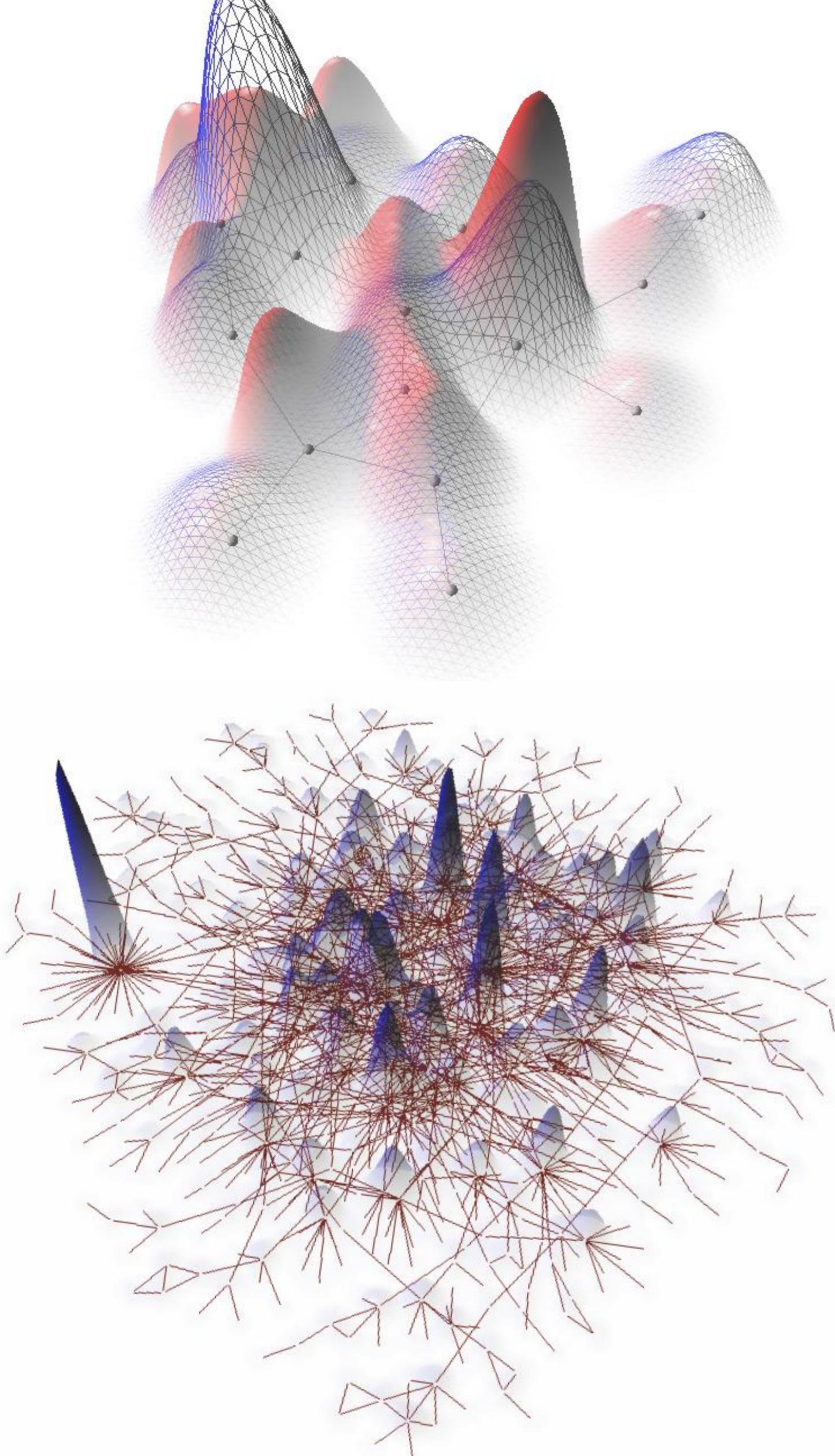


## Gene Ontology Analysis - the network visualization way

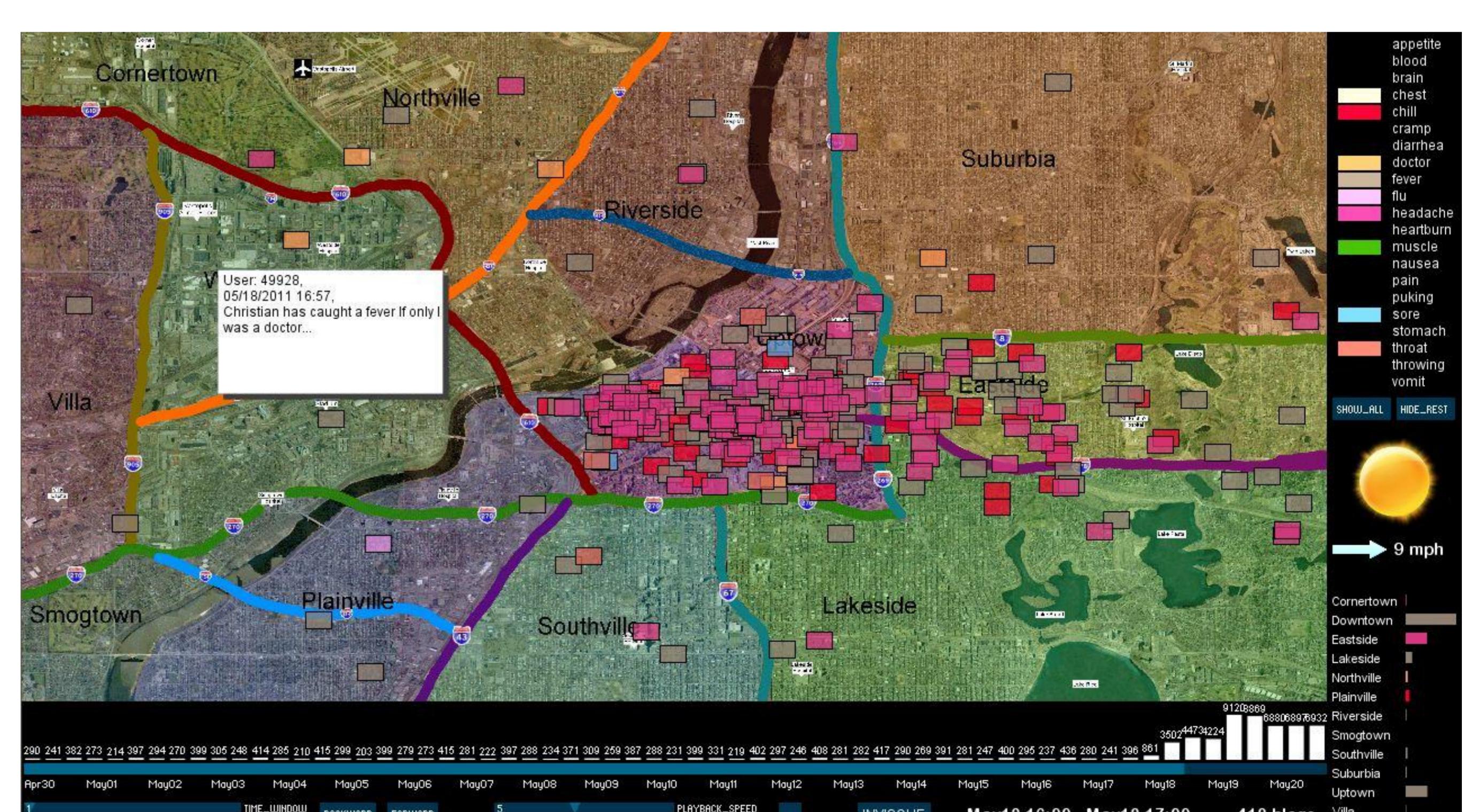
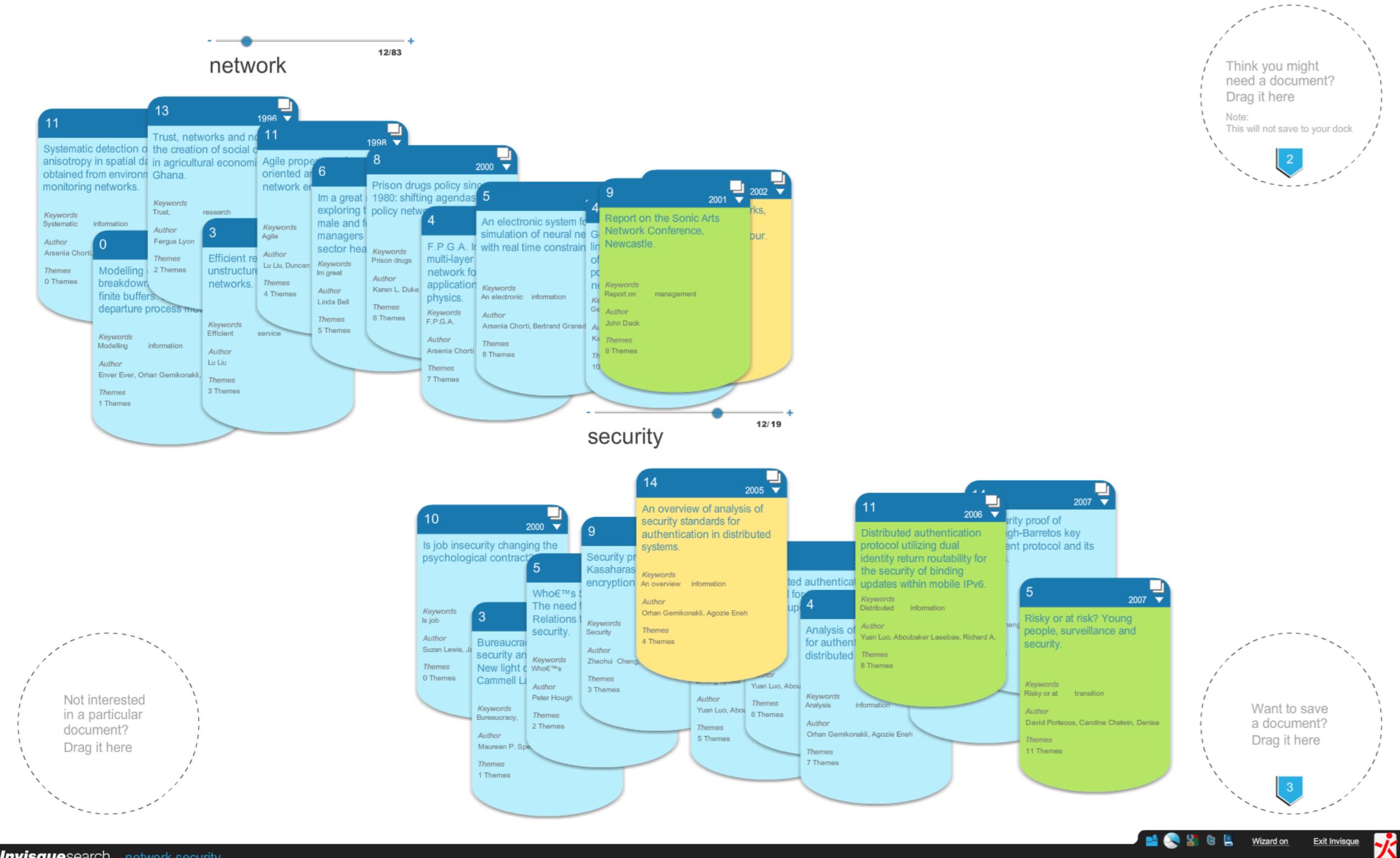
cell cycle  
ion transport  
phosphorylation  
G-protein coupled receptor protein signaling pathway  
chemotaxis  
antigen processing, exogenous antigen via MHC class I  
antigen presentation, exogenous antigen  
carbohydrate metabolism  
cell adhesion  
protein folding  
intracellular signaling cascade  
lipid metabolism  
cell-cell signaling  
inflammatory response  
regulation of transcription, DNA-dependent



## Overlapping Networks



## Multivariate Networks



## Visual Search Interface (demo)

## Social Media Visualisation (demo)