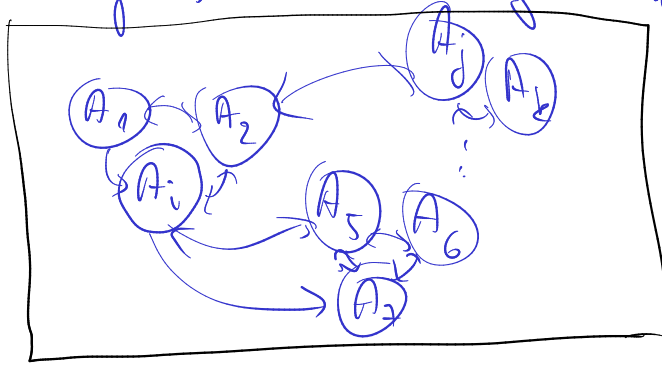


## Agents communicating on an OSN



OSN's algorithms influence the structure of communication:

- define who gets which content
- define how the content appears on the feed of particular agents

Observed social outcomes:

Polarization



Echo Chambers/  
Filter Bubbles



Abusive language ...

## Societal Challenges:

- In how far are OSN's algorithms responsible for the undesired outcomes?
- How should the OSNs be regulated/governed?

→ These questions remain undecided because of a lack in understanding of how the online platforms work