CS-234
Technologies for Democratic society

Fall 2022

Week 1

Course topic:
- Technology: + , — impacts
  $\rightarrow$ society , esp. democracy
- Is technology "democratizing"?
- "Democratizing"
  - Open to anyone
  - Identity , accountability
  - Transparecy
  - Organization , voting (DAOs)

Phases of "democratizing" technologies:
- Gutenberg printing press
- Communication (private): Email, messaging
- Self-publishing: Web, Blogs, Wikis,
- Social Media: USENET eg Arab Spring
- P2P sharing: Napster, Gnutella, *torrent
- Blockchains, DAOs, ...

Goals for self-org technologies?
how to make "democratizing"
  principles, features?
Open? How Open?
    inclusion/exclusion

Fairness?
Moderation, curation, filtering?
Aggregation — social choice, voting?
Deliberation?
Security, accountability, privacy?

Practical course organization

- TAs:
  - Ceyhun Alp
  - Louis-Henri Merino
- Content:
  - Lectures — in person expected
  - Reading — assigned previous week
  - Exercises — 6
  - Practical work" —
  - Final exam — written
- Grading: 10% — Lecture participation
  - 40% — Exercises (Last year: 5%·E1, 10%·E2) (5%·E3, 20%·E4)
  - 50% — Final exam