

Mass collaboration

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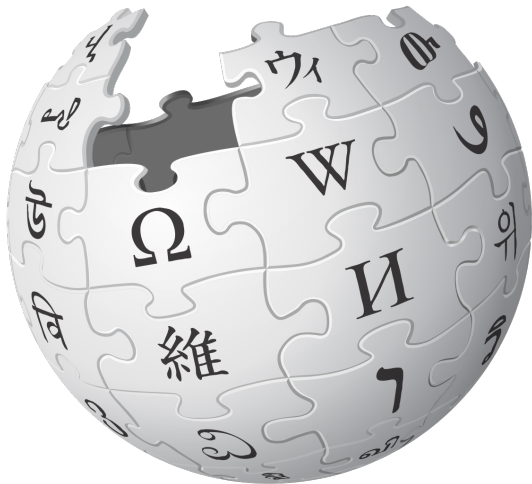
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- ▶ 9:15 - 9:30 Welcome and logistics
- ▶ 9:15 - 10:15 Lecture and discussion about mass collaboration
- ▶ 10:15 - 10:30 Break
- ▶ 10:30 - 12:30 Fragile Families Challenge
- ▶ 12:30 - 1:30 Lunch
- ▶ 1:30 - 3:30 Fragile Families Challenge
- ▶ 3:30 - 3:45 Group debrief from Fragile Families Challenge
- ▶ 3:45 - 4:00 Break
- ▶ 4:00 - 5:30 Guest speaker: Sendhil Mullainathan
- ▶ Dinner

Based on feedback, I'm going to cut down on lecture and leave more time for the activity. For background on mass collaboration, check out Chapter 5 of *Bit by Bit*:
<https://www.bitbybitbook.com/en/1st-ed/creating-mass-collaboration/>

- ▶ Observing behavior
- ▶ Asking questions
- ▶ Running experiments
- ▶ Creating mass collaboration





https://commons.wikimedia.org/wiki/File:The_Earth_seen_from_Apollo_17.jpg

Mass collaboration combines ideas from

- ▶ crowdsourcing
- ▶ citizen science
- ▶ collective intelligence

mass collaboration

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graph TD; A[mass collaboration] --> B[human computation]; A --> C[open call]; A --> D[distributed data collection];
```

human computation

Examples:

- Galaxy Zoo
- Crowd-coding
- political manifestos

open call

Examples:

- Netflix Prize
- FoldIt
- Peer-to-Patent

distributed data collection

Examples:

- eBird
- PhotoCity
- Malawi journals project

Guiding idea:

Collaborators not cogs (ornithology and astronomy are examples)

- ▶ Is this really research?

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- ▶ Does this enable new research?

- ▶ Is this perfect?

- ▶ Is this perfect?
- ▶ Is this better than we can do without mass collaboration?

- ▶ Is this impossible?

- ▶ Is this impossible?
- ▶ Is this possible?

An honest assessment:

An honest assessment: As far as I can tell, most mass collaborations fail

Questions?