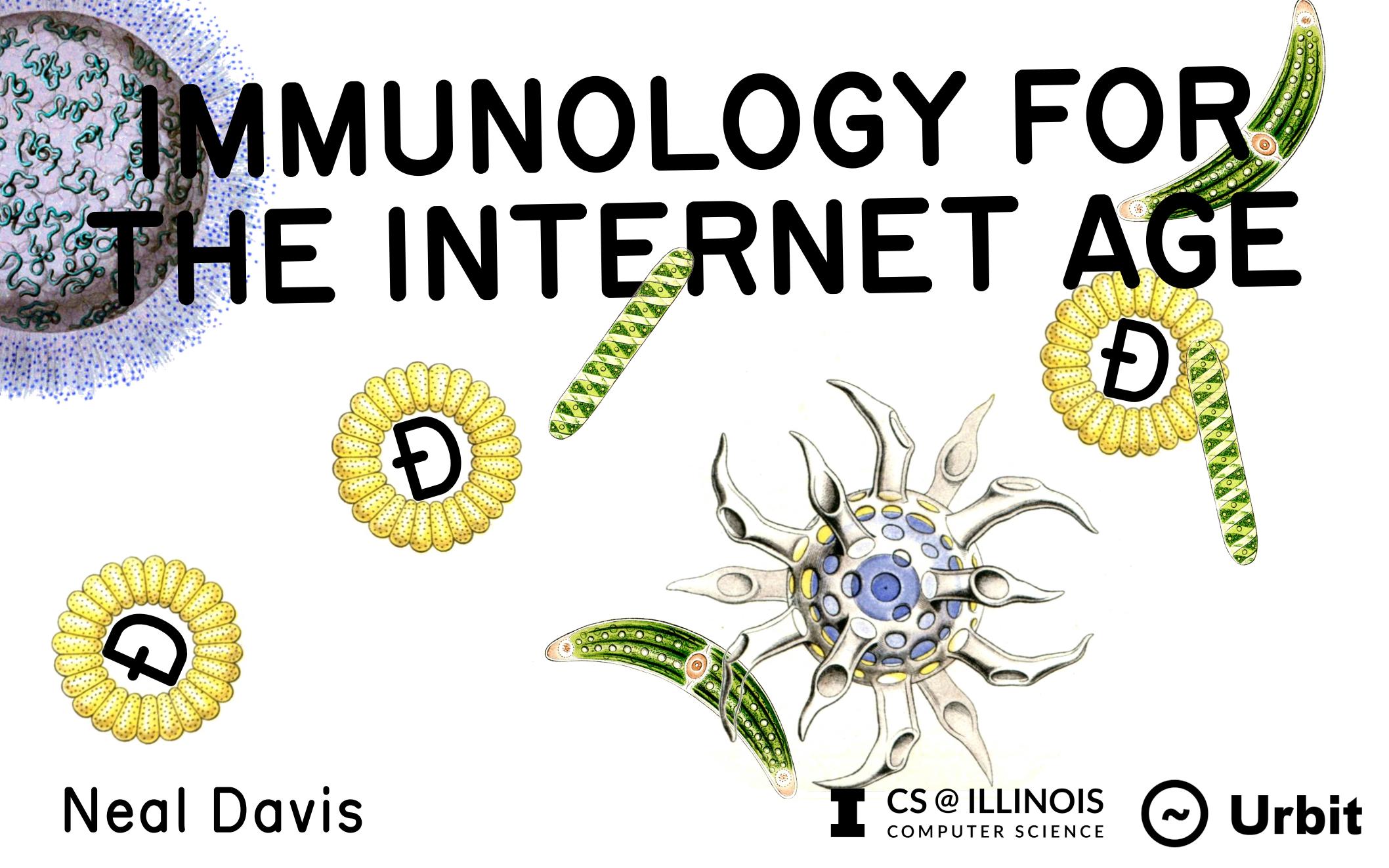


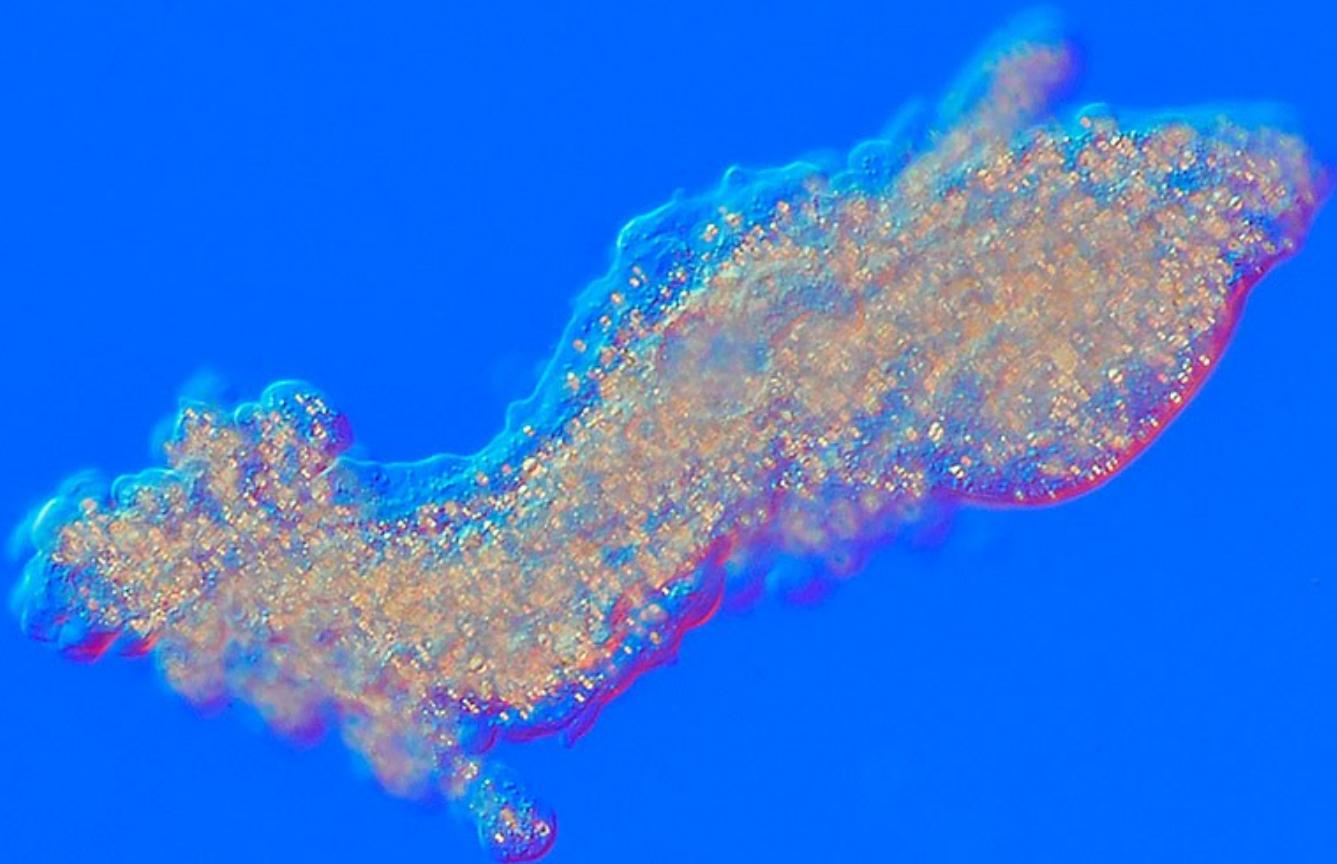
# IMMUNOLOGY FOR THE INTERNET AGE

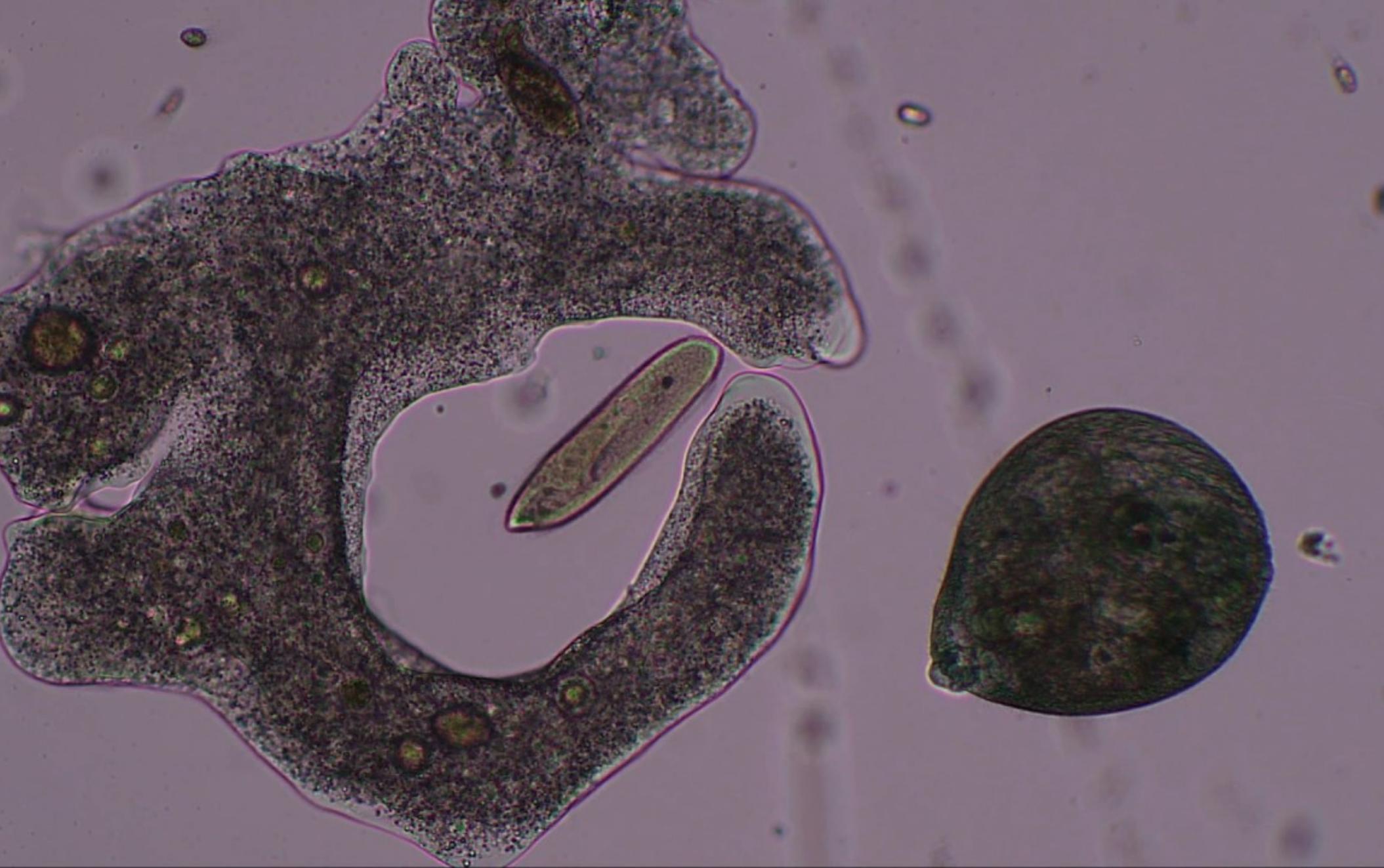


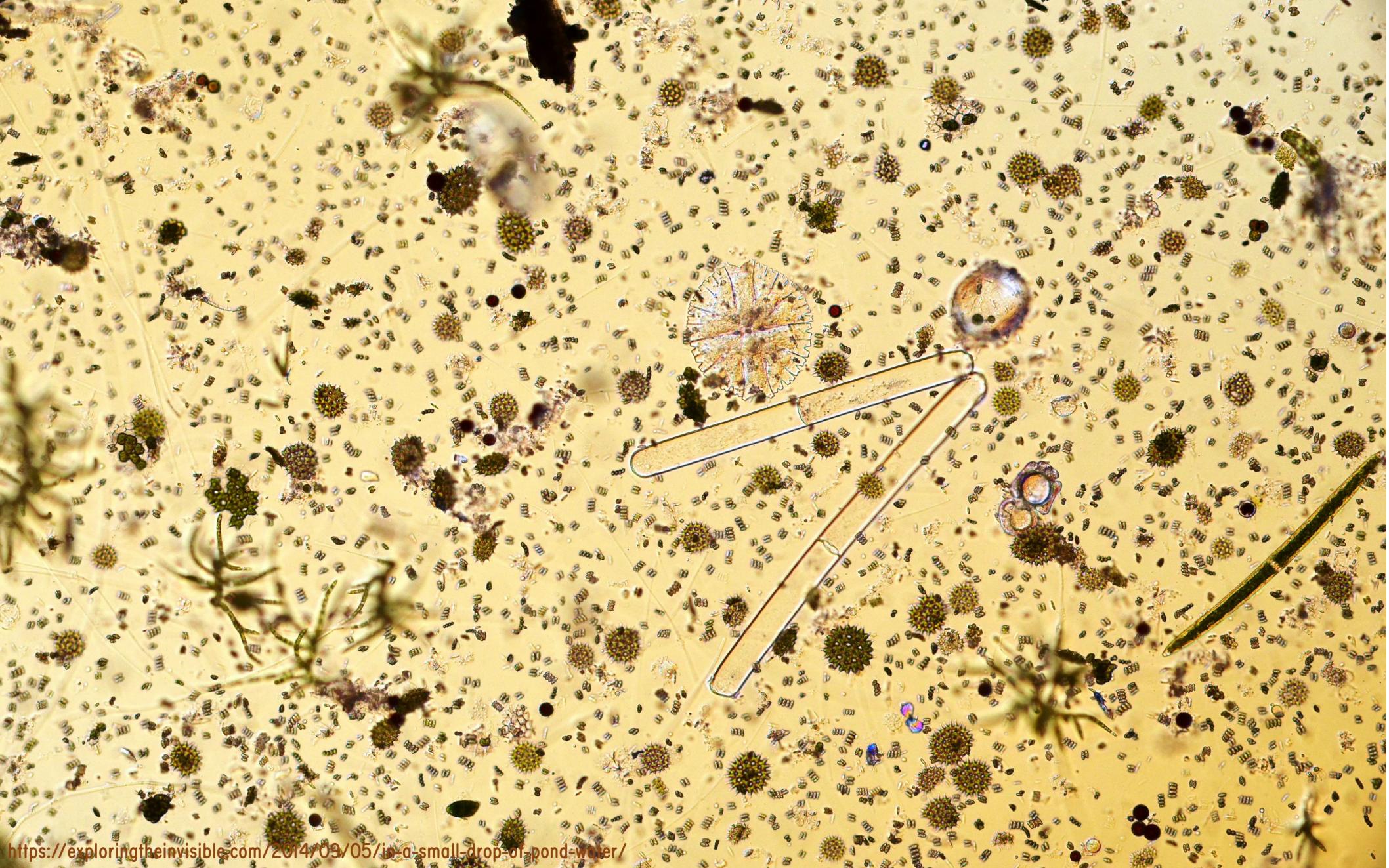
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COMPUTER SCIENCE

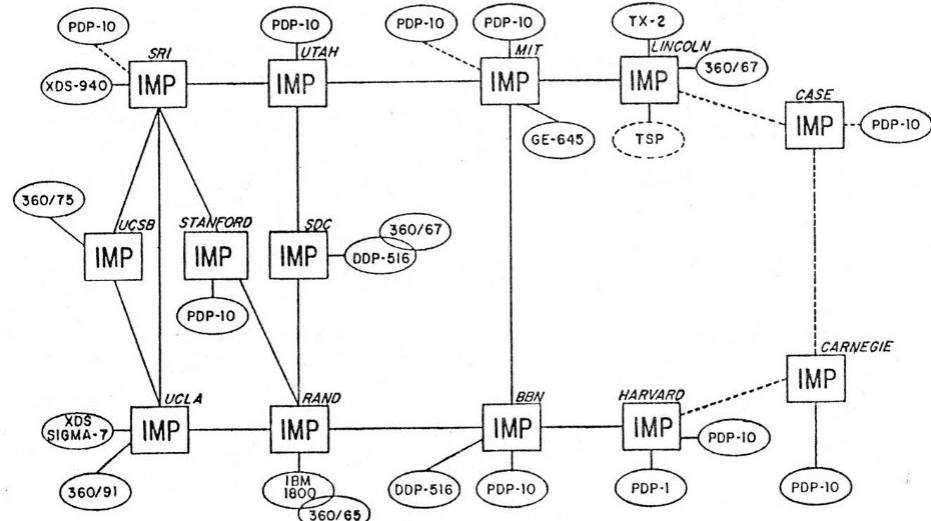
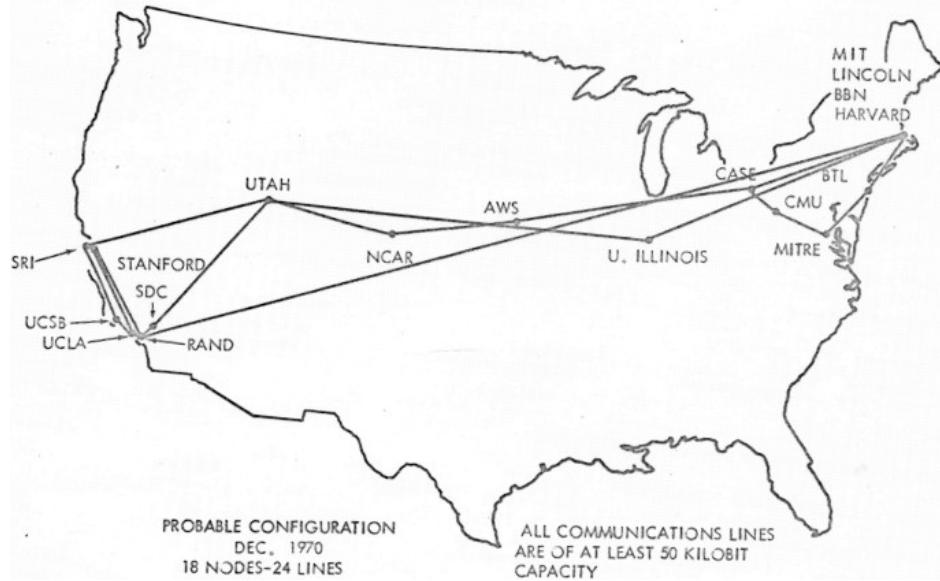
Urbit

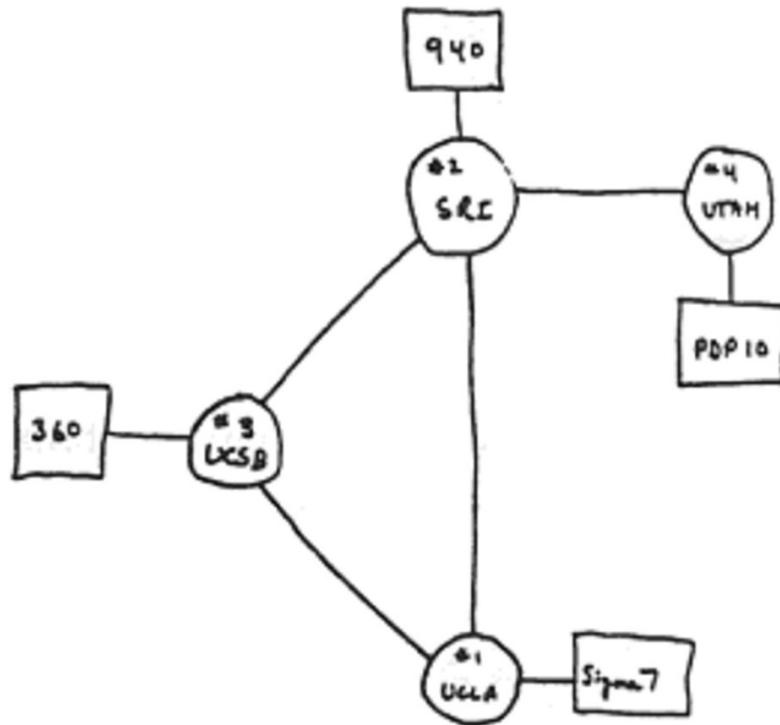






## ARPA COMPUTER NETWORK



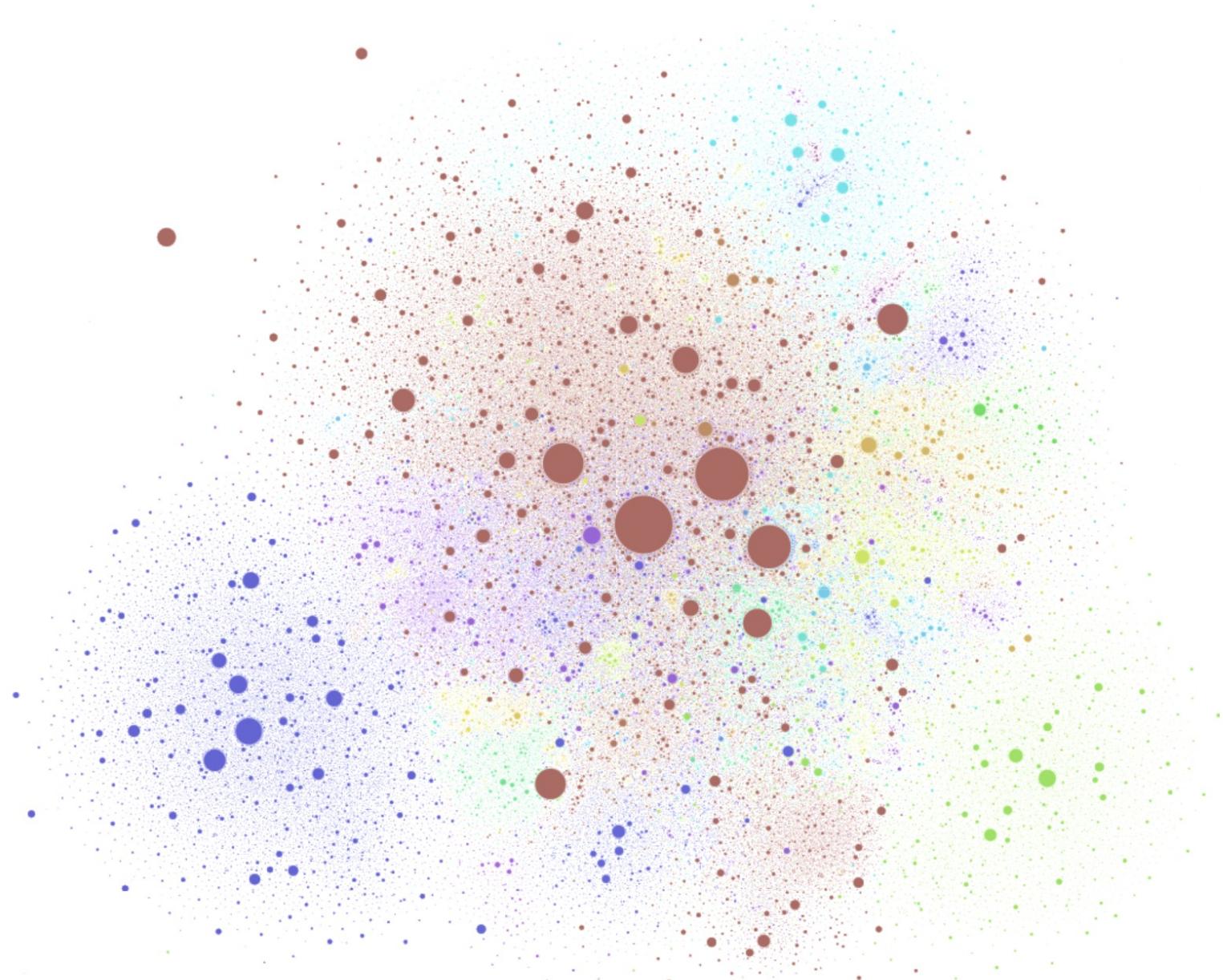


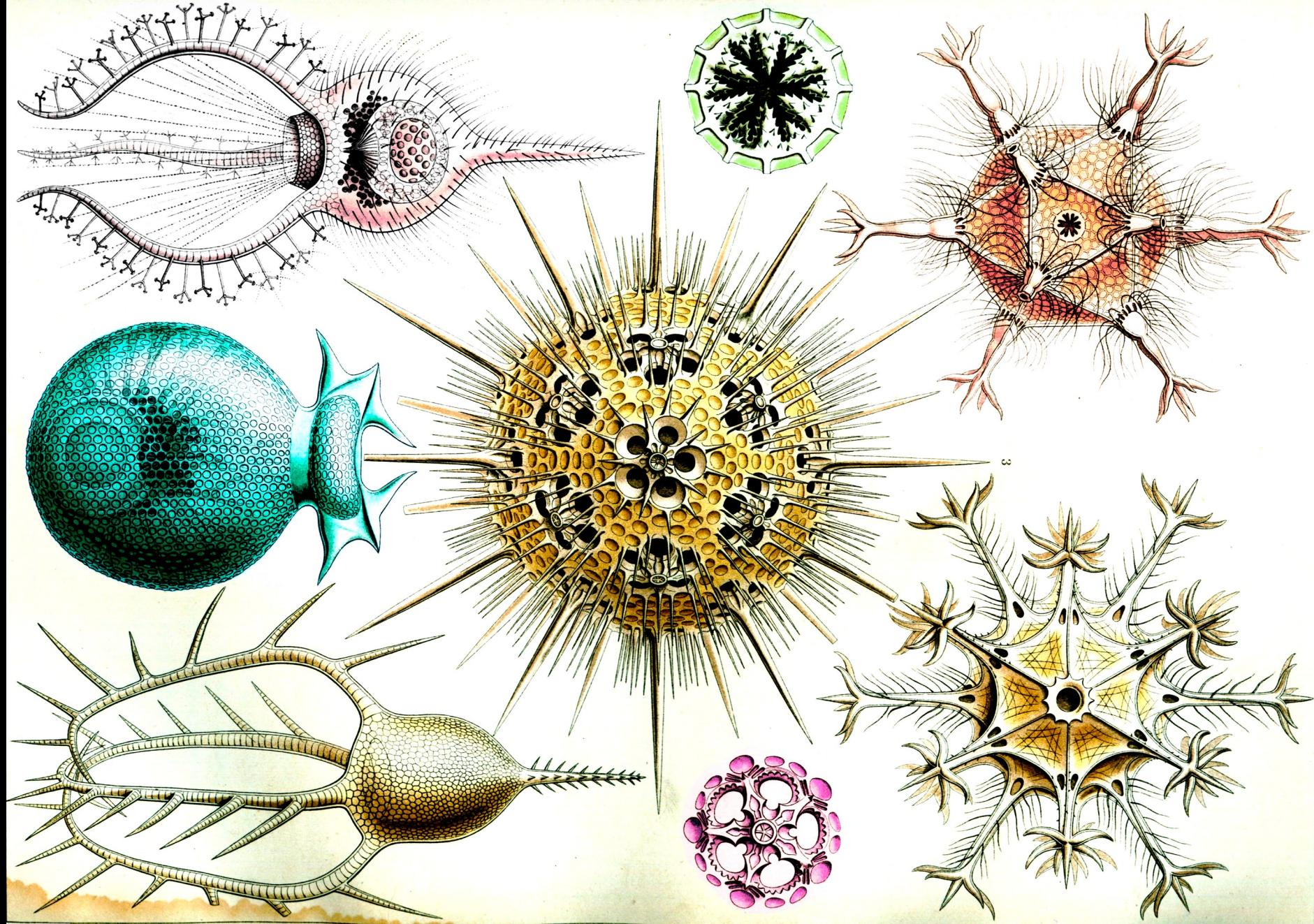
THE ARPA NETWORK

DEC 1969

4 NODES

FIGURE 6.2 Drawing of 4 Node Network  
(Courtesy of Alex McKenzie)





The free software movement, since its inception in 1984, has had a political goal, political in the highest sense of the word. We are concerned with the question of what kind of society we should live in.

**We believe that computer users should have the freedom to share and change software.**  
**(RMS)**

Given a large enough beta-tester and co-developer base, almost every problem will be characterized quickly and the fix obvious to someone. Or, less formally,

**Given enough eyeballs, all bugs are shallow.**

**(ESR)**



Surface: physical separation

Innate: nonspecific, pathogen-agnostic

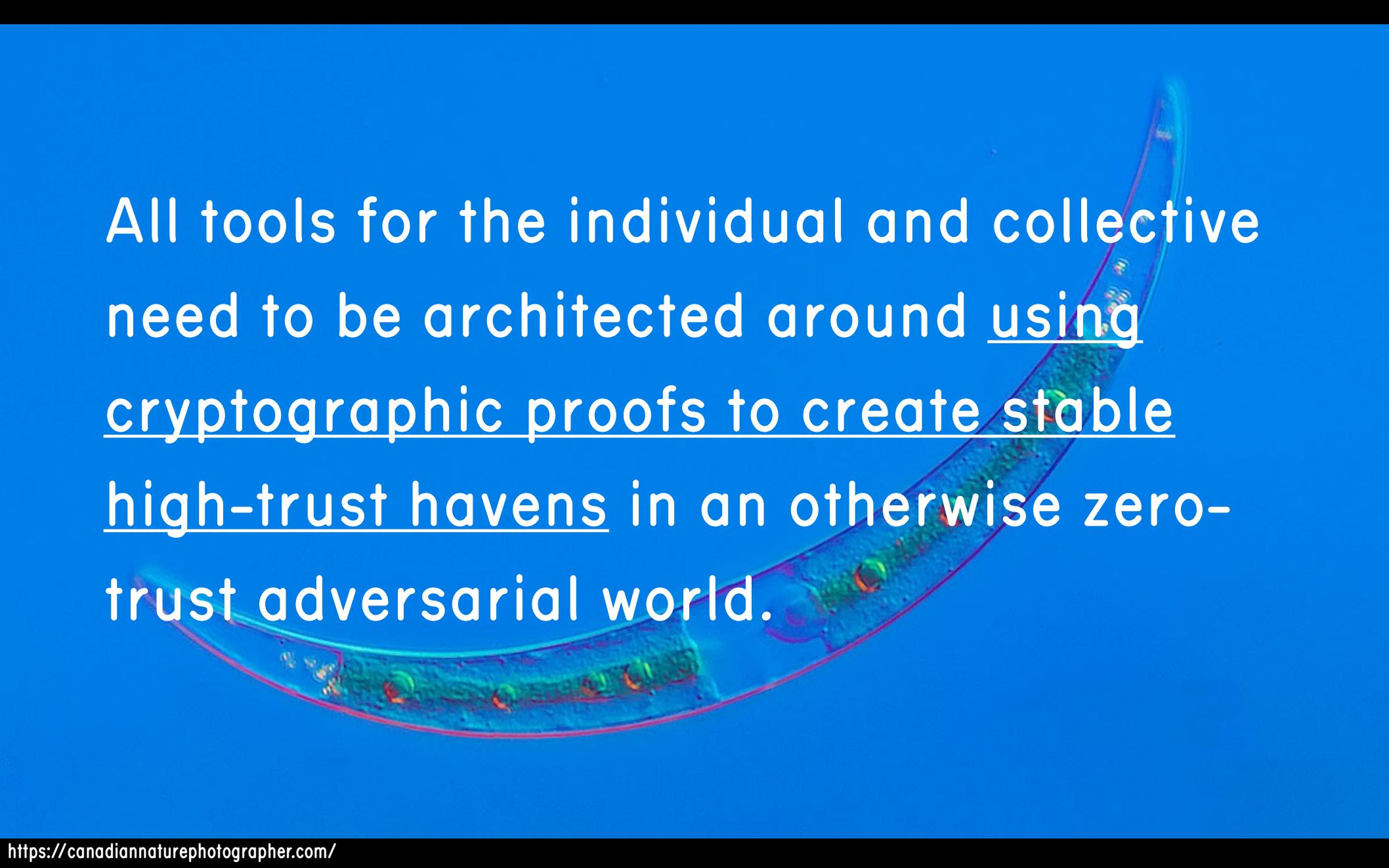
Adaptive: pathogen-specific

- Decentralized
- Autonomous
- Organizations

“Code is law.”







All tools for the individual and collective need to be architected around using cryptographic proofs to create stable high-trust havens in an otherwise zero-trust adversarial world.

# References

- Mastodon: [joinmastodon.org](https://joinmastodon.org)
- Urbit Foundation: [urbit.org](https://urbit.org)
- Fediverse: [fediverse.party](https://fediverse.party)

Uncredited images from Ernst Haeckel