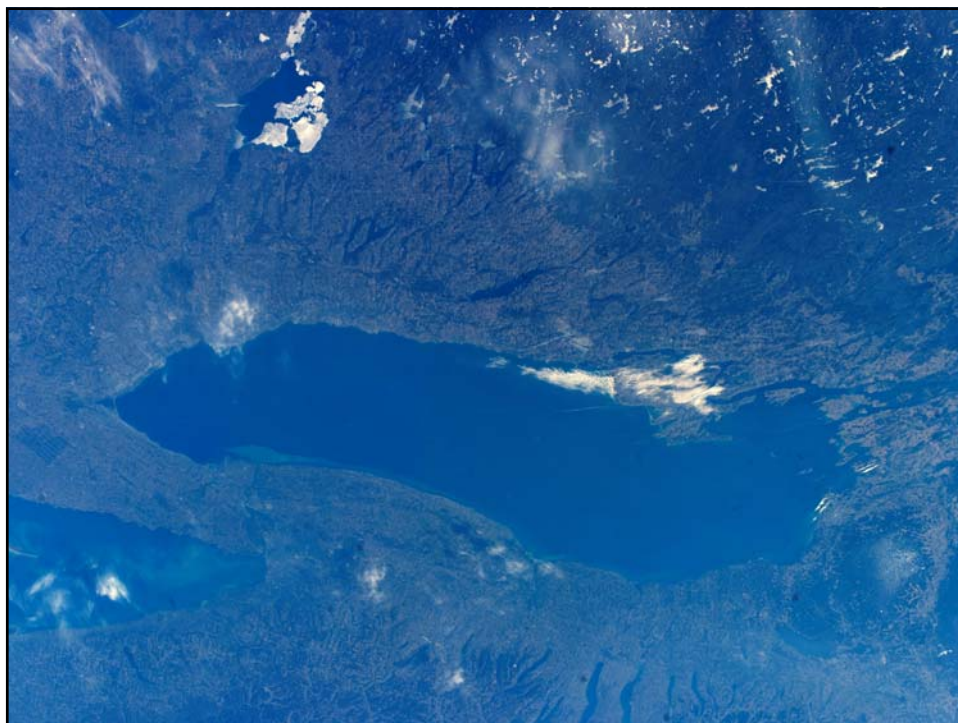


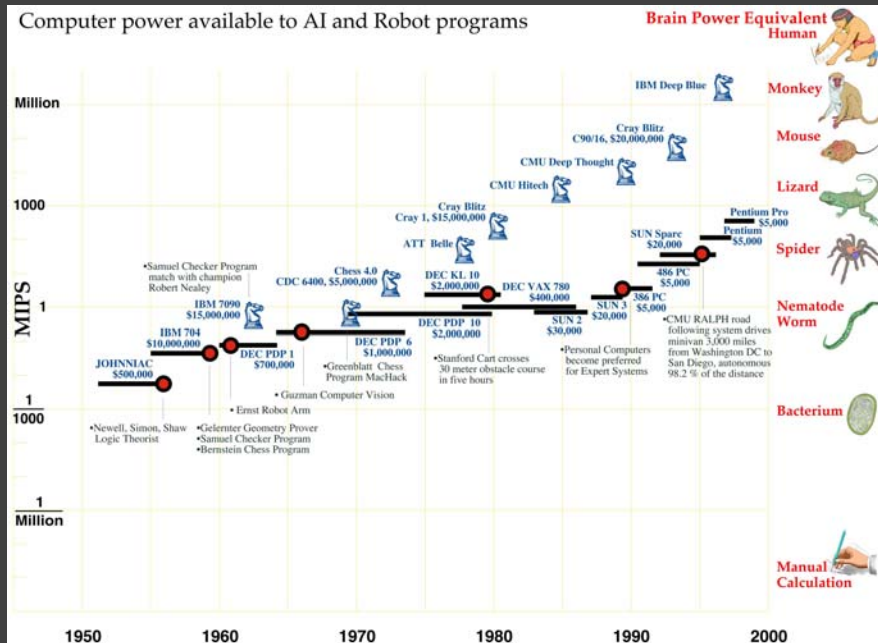
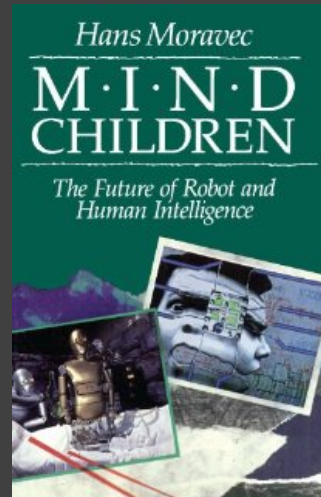
The Singularity

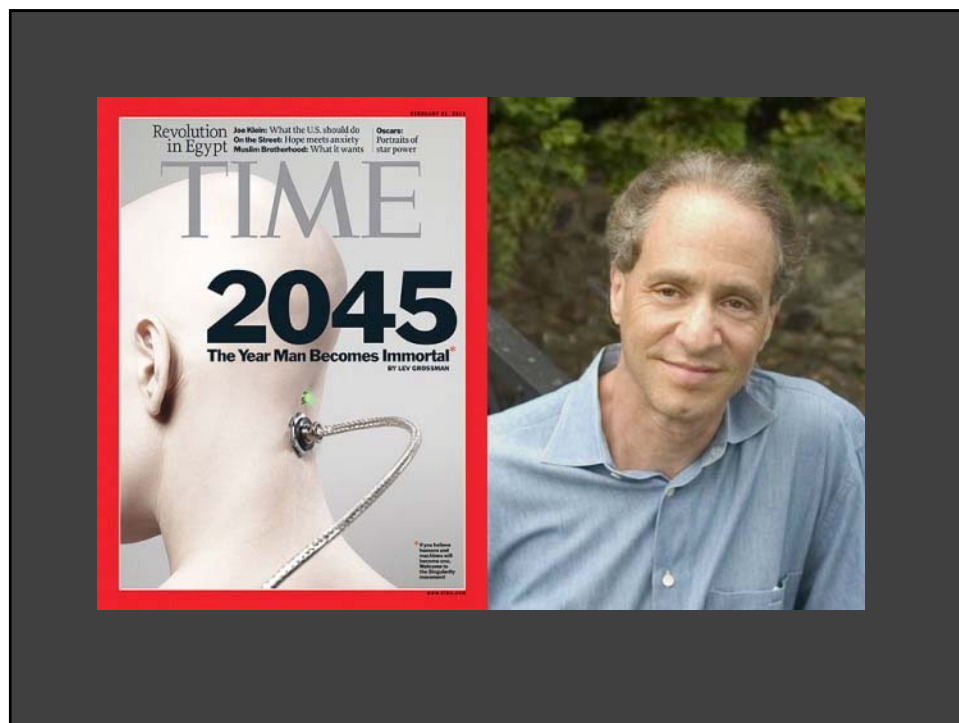
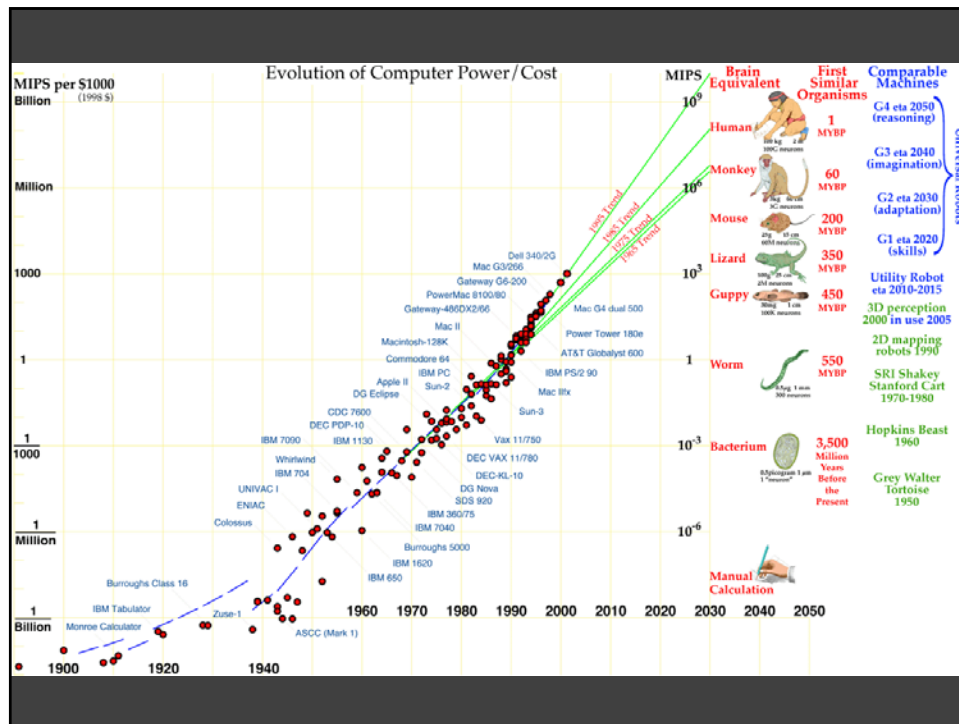
Spring 2015

Reid Simmons
Illah Nourbakhsh









The screenshot shows the Singularity University website. The navigation bar includes links for About, Programs, Faculty, Community, Singularity Labs, Singularity Hub, Global, and Newsletter. The main content area features a section titled "What is Singularity University?" with a mission statement and a quote from Gavin Newsom. To the right is a green banner for the "EXPONENTIAL FINANCE" conference at Lincoln Center NYC, June 10-11, 2014, with an "APPLY NOW" button. Below this is a newsletter sign-up form. The "UPCOMING PROGRAMS" section lists the Exponential Conference Series, Exponential Finance, Executive Program New 2014 Dates, and the Graduate Program. The "INITIATIVES" section highlights SU Labs and SU Global. The "FACULTY + SPEAKERS" section features portraits of Ray Kurzweil and Peter Diamandis. The "EVENTS" section lists dates for the Executive Program (April 12-19, 2014) and another event (June 10, 2014).



Why The Future Doesn't Need Us

- Genetics, Nanotechnology, Robotics
- *Destructive self-replication*
- *Geoengineering*
- *Lack of a code of ethics*
- *"It'll happen gradually. We'll get used to it."*



Institute for & Emerging Ethics Technologies

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The Biointelligence Explosion

David Pearce
HedWeb

Posted: May 11, 2012

How recursively self-improving organic robots will modify their own source code and bootstrap our way to full-spectrum superintelligence.



David Pearce

"Homo sapiens, the first truly free species, is about to decommission natural selection, the force that made us... Soon we must look deep within ourselves and decide what we wish to become."

Edward O. Wilson, *Consilience, The Unity of Knowledge*, 1999

"I predict that the domestication of biotechnology will dominate our lives during the next fifty years at least as much as the domestication of computers has dominated our lives during the previous fifty years."

Freeman Dyson, *New York Review of Books* (July 19, 2007)

1. The Fate of the Germline

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Possible Trajectories

- Merger
- Equivalence
- Surpass

Optional Exercise

- Review: what did not exist in 1990 that is very much extant now?
- Predict: 3 possible futures: what robotic system/device/solution will exist *in the wild* in 2035?