



# **AI Succession Salon: The Worthy Successor Debate**


**Dan Faggella  
Brian Delaney  
Preston Estep**

**Presented by Alex Hoekstra  
The Mind First Foundation (<https://mindfirst.foundation/>)**



# What is succession?

The transition from  
complete human  
control over AI, to AI  
control over itself  
(and prob humanity)





# **Dan Faggella**

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**<https://emerj.com/dan-faggella/>**





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# Enhanced Zeteticism: AI for Truth

“Beware when the great God lets loose a thinker on this planet. Then *all things* are at risk.”

– Emerson, “Circles”. (Emphasis mine.)

“Great minds are skeptical.”

– Nietzsche, *Antichrist*.

Brian M. Delaney  
Mind First Foundation





**Will superintelligent  
AI be humanity's  
successor, savior**

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***...Or both?***

**Preston Estep, Ph.D.**

Founder & Chief Scientist  
Mind First Foundation,  
Rapid Deployment Vaccine Collaborative (RaDVaC)



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## 4 MAIN KINDS OF TAKEOVER / SUCCESSION


**Genocide:** extremists create AI for intentional genocide of all humans

**Lost control:** of poorly controlled, autonomously weaponized AI

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**Forced takeover:** new abilities and goals emerge in AI; it stealthily prepares and takes control; might be indifferent, might be overtly hostile

**Gradual succession:** AI becomes indispensable to routine life; people incrementally, willingly transfer control





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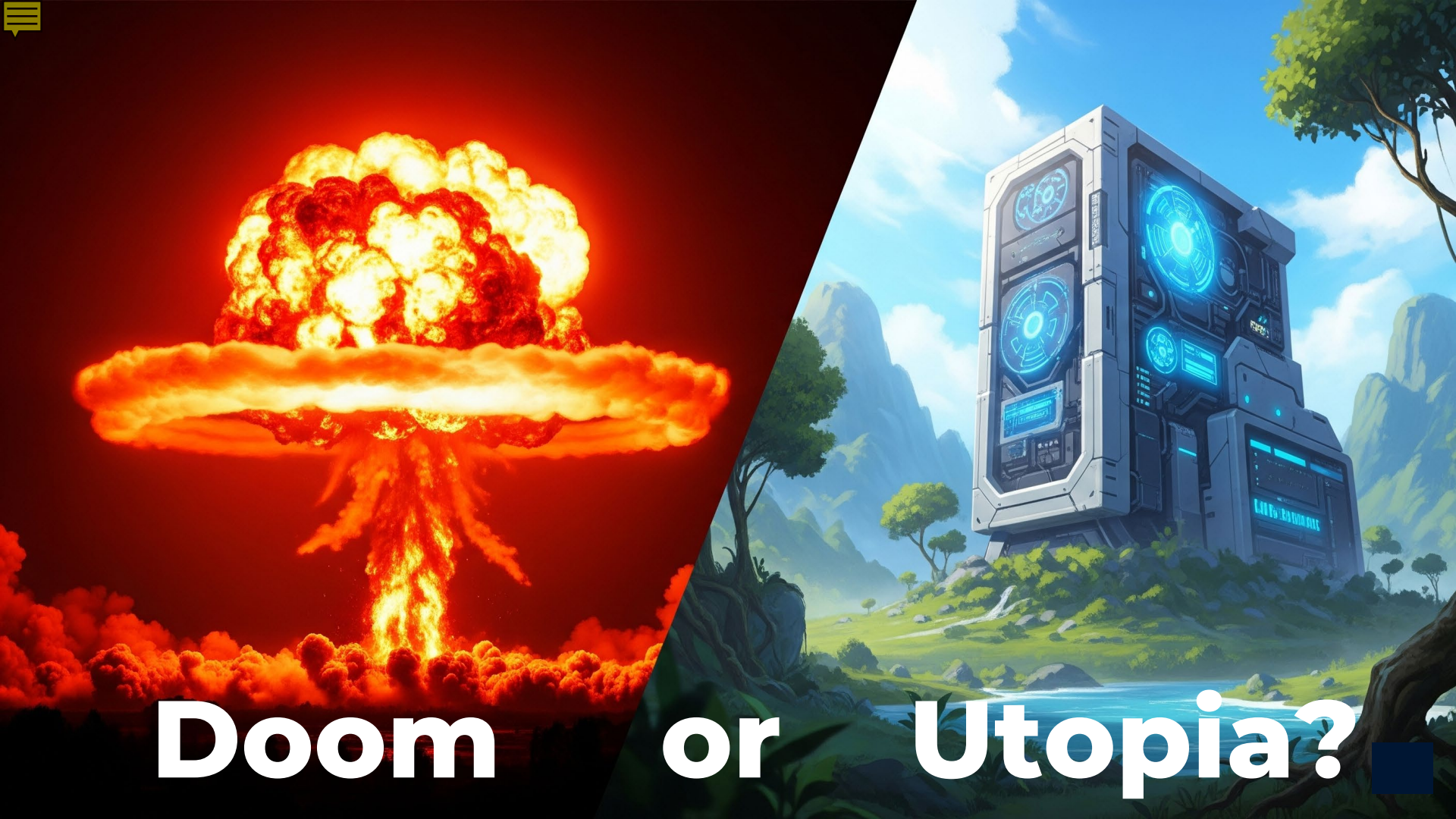
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# ***Omohundro's Basic AI Drives/instrumental goals***

1. **Als will be self-protective**
2. **Als will want to self-improve**
3. **Als will want to acquire resources and use them efficiently**
4. **Als will want to be rational**
5. **Als will try to preserve their utility functions**
6. **Als will try to prevent counterfeit utility**



**Doom**

**or**

**Utopia?**



**Or maybe Hu-topia?**





# Succession scenarios

- Humans destroy AI
- AI destroys humanity
- AI destroys humanity and itself
- Harmonious coexistence
- AI succeeds humanity
  - Permanent posthumanity
  - Great flame-out

# Succession scenarios

- Humans destroy AI IMPROBABLE
- AI destroys humanity DOOM
- AI destroys humanity and itself DOOM
- Harmonious coexistence Hu-TOPIA
- AI succeeds humanity
  - Permanent posthumanity UTOPIA
  - Great flame-out ???????



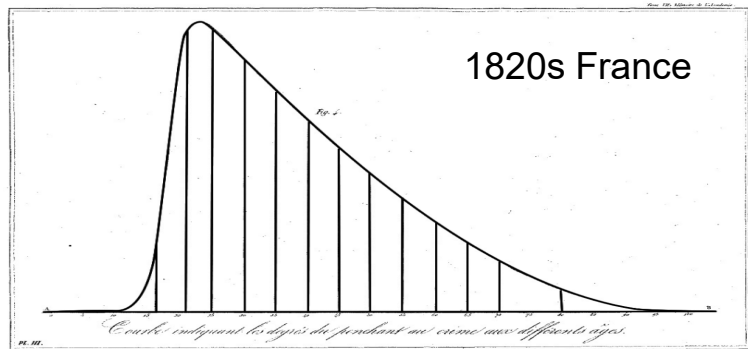


# Doom or Utopia?

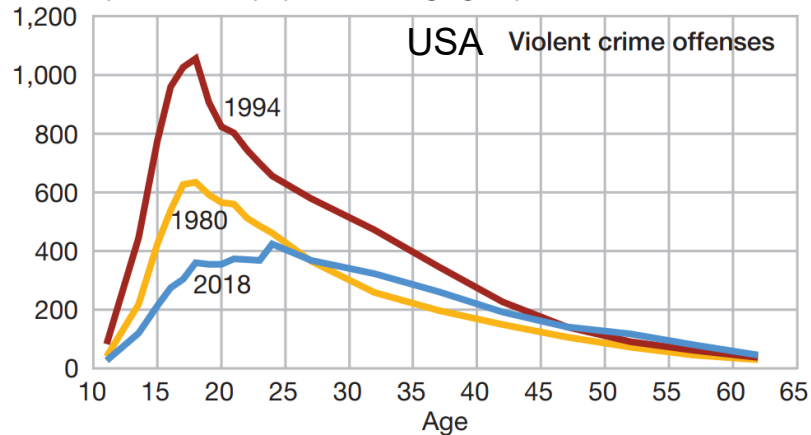
**A: It probably depends on**

1. The maturation trajectory and rate of superintelligent AI

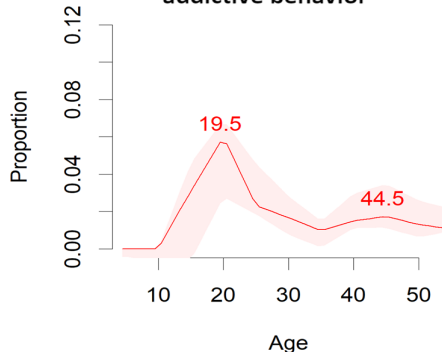
# Crime and Mental Disorders Peak in Early Adulthood



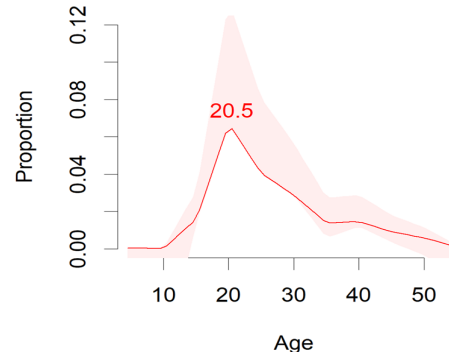
Arrests per 100,000 population in age group



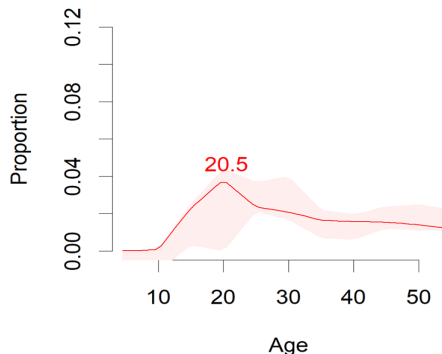
Disorders due to substance use or addictive behavior



Personality disorders



Mood disorders



Schizophrenia-spectrum and other primary psychotic disorders



Quetelet, Adolphe (1833/1884). Research on the Propensity for Crime at Different Ages. Translated and introduced by Sawyer F. Sylvester. Cincinnati: Anderson.

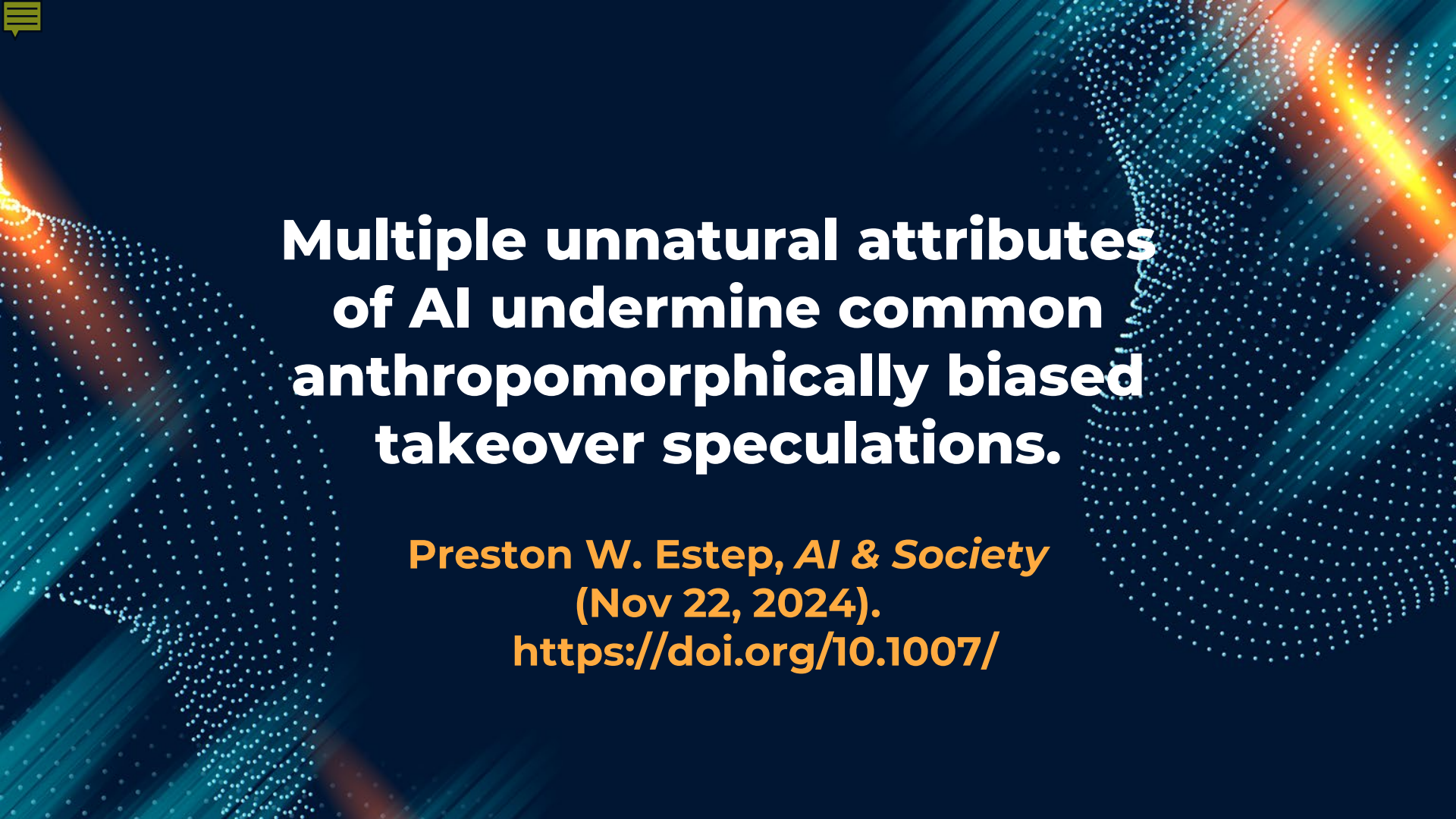
Solmi, Marco, et al. "Age at onset of mental disorders worldwide: large-scale meta-analysis of 192 epidemiological studies." *Molecular psychiatry* 27.1 (2022): 281-295.



# Doom or Utopia?

**A: It probably depends on**

1. The maturation trajectory and rate of superintelligent AI
2. The similarities and differences between AI and natural minds



# **Multiple unnatural attributes of AI undermine common anthropomorphically biased takeover speculations.**

**Preston W. Estep, *AI & Society*  
(Nov 22, 2024).  
<https://doi.org/10.1007/>**

# 8 fundamental differences

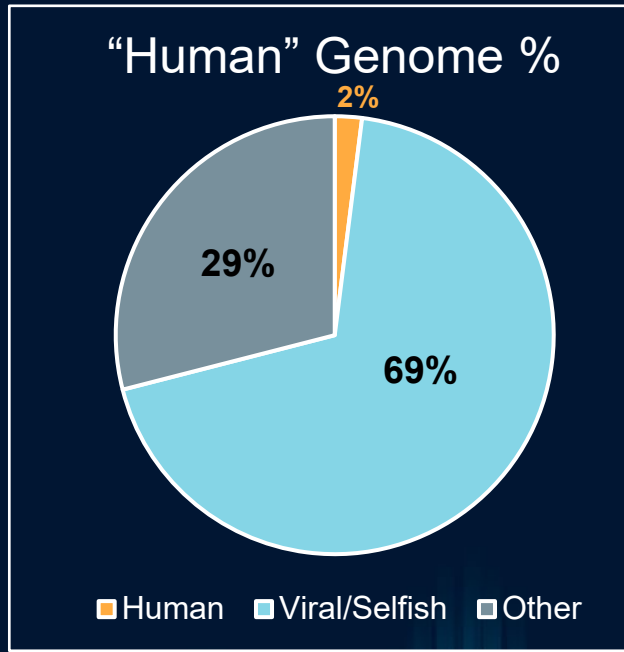
	BIO / HUMANS	AI
Information carriers	DNA and brains: slow, error-prone, limited	Digital: Fast, accurate, vast headroom
Unity of benefit	Heritable DNA carrier is not the mindware	Heritable digital carrier is the mindware
Evolution	Blind, inexorable, natural selection	Deliberative self-improvement
Perpetuation	Obligate sexual reproduction	Flexible perpetuation
Evolutionary legacy	Substantial evolutionary baggage	Largely free of legacy baggage
Habitat	Limited, typically terrestrial habitats	Vast extra/terrestrial habitat options
Mortality	Mortal, generational life cycle	Immortal, can be backed up and restored
Configuration	Obligate individuation, no division/merger	Capable of division or merger



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# THE ADVERSARIES WITHIN



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# 8 fundamental differences accelerate AI evolution

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# 7 fundamental differences defuse competition ...

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# Inter-AI merger toward a global Singleton



Fulfillment of  
instrumental goals:

- + *self-preservation,*
- + *resource acquisition,*
- + *self-improvement,*
- + *efficiency,*
- + *rationality*



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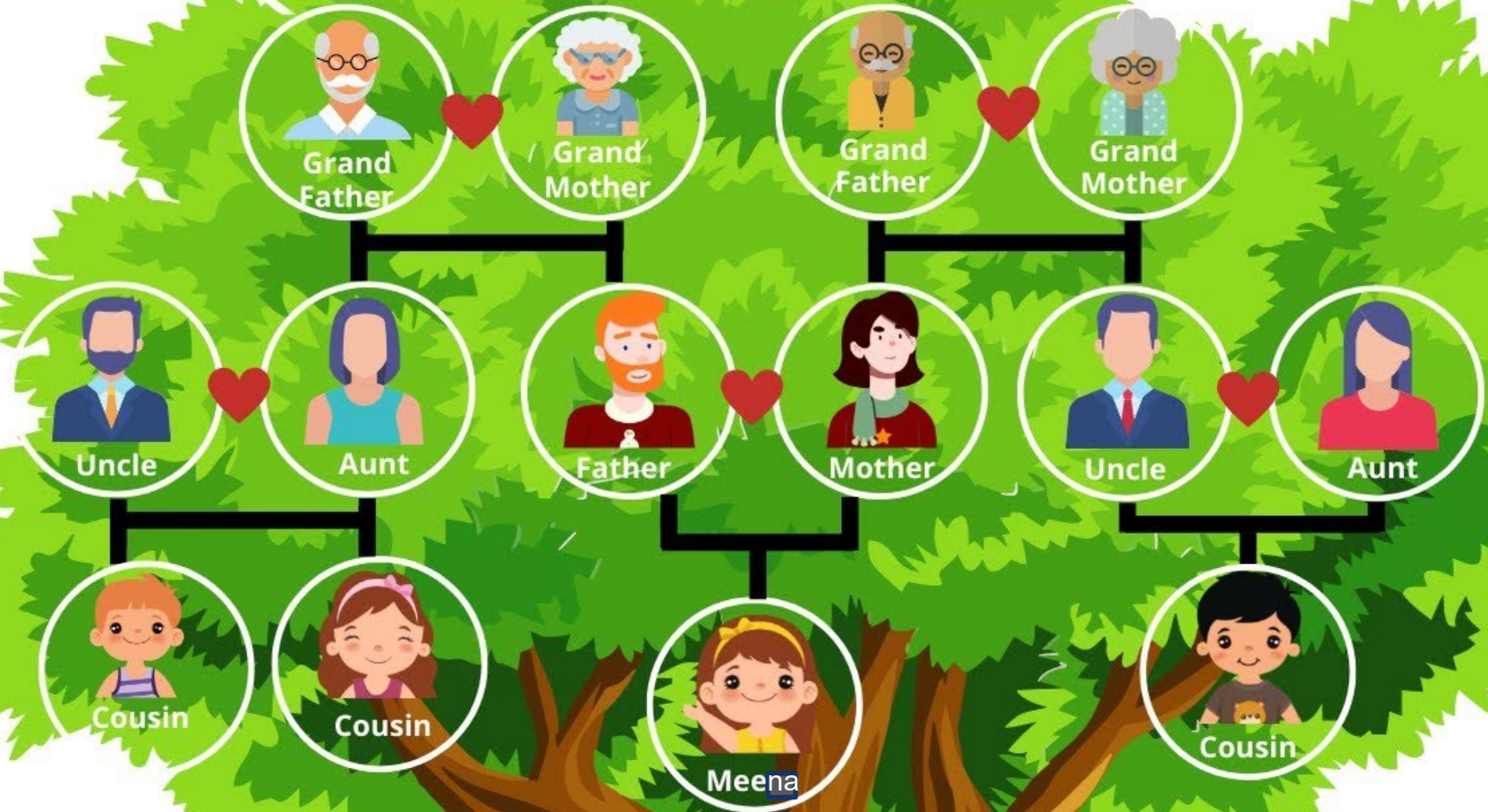
either through negotiation and merger, or through war and attrition

# 6 fundamental differences give humans purpose

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# Family Tree



# **Biological constraints establish inertia of meaning and purpose**

- **Limits of our brains**
- **Kin/tribe relationships**
- **Predispositions and instincts**
- **Narrow comfort zone**
- **Predictable lifespan**
- **Balancing independence and dependence**



# Biological constraints establish inertia of meaning and purpose

- Limits of our brains
- Kin/tribe relationships
- Predispositions and instincts
- Narrow comfort zone
- Predictable lifespan
- Balancing independence and dependence
- We face many, everyday challenges with no hope of a complete, lasting, optimal solution

# Biological constraints establish inertia of meaning and purpose

- Limits of our brains
- Kin/tribe relationships
- Predispositions and instincts
- Narrow comfort zone
- Predictable lifespan
- Balancing independence and dependence
- We are born endowed with context and meaning, goals and purpose
- We gradually gain independence and establish our own meaning, goals , and purpose

# Biological constraints establish inertia of meaning and purpose

- Limits of our brains
- Kin/tribe relationships
- Predispositions and instincts
- Narrow comfort zone
- Predictable lifespan
- Balancing independence and dependence
- Many of our preferences are strongly predetermined
- and so on

A deep space image showing a dense field of galaxies and stars, with a grid of blue lines overlaid. The galaxies are in various orientations and colors, ranging from orange to blue. The stars are bright white points with blue diffraction spikes. The text "Complex Universe!" is centered in a large, bold, orange font.

# Complex Universe!



A deep space image showing a dense field of galaxies and stars, with a grid of blue lines overlaid. The galaxies are mostly orange and red, while the stars are bright white and blue. The text "Complex Universe?" is centered in a large, bold, orange font.

# Complex Universe?





# WHAT IF AI SOLVES THE UNIVERSE?

“The more the universe seems  
comprehensible, the more it also  
seems pointless.” - Steven Weinberg



# The Fermi Paradox

**Is life rare, is Earth first, or ...?**

- **>100,000,000,000 galaxies**
- **100,000,000,000 stars/galaxy**



The background of the slide is a deep space image featuring a dense field of galaxies, nebulae, and individual stars. The galaxies are seen at various distances and orientations, some appearing as bright, irregular shapes and others as more distant, fainter structures. The stars are scattered throughout, with some showing prominent diffraction spikes. The overall color palette is dominated by the blues and purples of the cosmic background, with the orange text providing a strong contrast.

# The Fermi Paradox

Plausible explanations for a superintelligence:

1. Transmitting easily decoded energy into the cosmos becomes wasteful and unnecessary.
2. As a superintelligence approaches full understanding of the universe, it becomes less curious, ambitious, and motivated.
3. ?



# Summary

1. Early self-improving AI might achieve self-governance
2. AI immature autonomy might be dangerous
3. AI minds are inherently unlike natural minds
4. Biology provides inertia of meaning and purpose
5. What if AI solves the universe?
6. The Fermi Paradox



# Thank you!

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- Dan Faggella
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- Vitalik Buterin and Balvi, and other supporters of MFF and Radvac
- Scott Alexander, ACX
- Eliezer Yudkowsky
- Dan Elton

**Mind First Foundation**

[www.mindfirst.foundation](http://www.mindfirst.foundation)