

State of the field

Goals

Control your phone Change your mood Cure Parkinson's disease "I know kung fu" Sleep Treat OCD Brain-to-brain communication Customizable personality traits Decode imagined images Change energy level Animal communication Matrix-level VR Uploading Brain cryporeservation Restore sight to the blind New senses Control perception of time Cure jet lag and on,

and on, and on,

Technologies

Electricity



Electromagnetics

Biologics

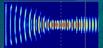


Small molecule



Ultrasound

Peripheral



Combinations

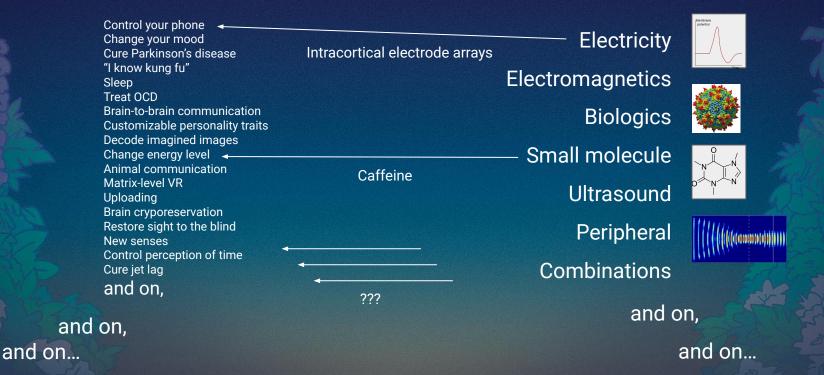
and on,

and on...

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Goals

Technologies



Opportunities and Challenges

- Cultural and regulatory change
- Al acceleration
- Hard to beat coffee and keyboards
- Cost and risk of neurotechnology development
 - Venture capital
 - Philanthropy and new institutions for science
 - Decentralized?

