

# Bridging the gap between human and artificial intelligence



Megumi Sano  
JUTHE 2019



Hi! My name is Megumi Sano. I...

Study applied math & computer science at  
**Stanford University**

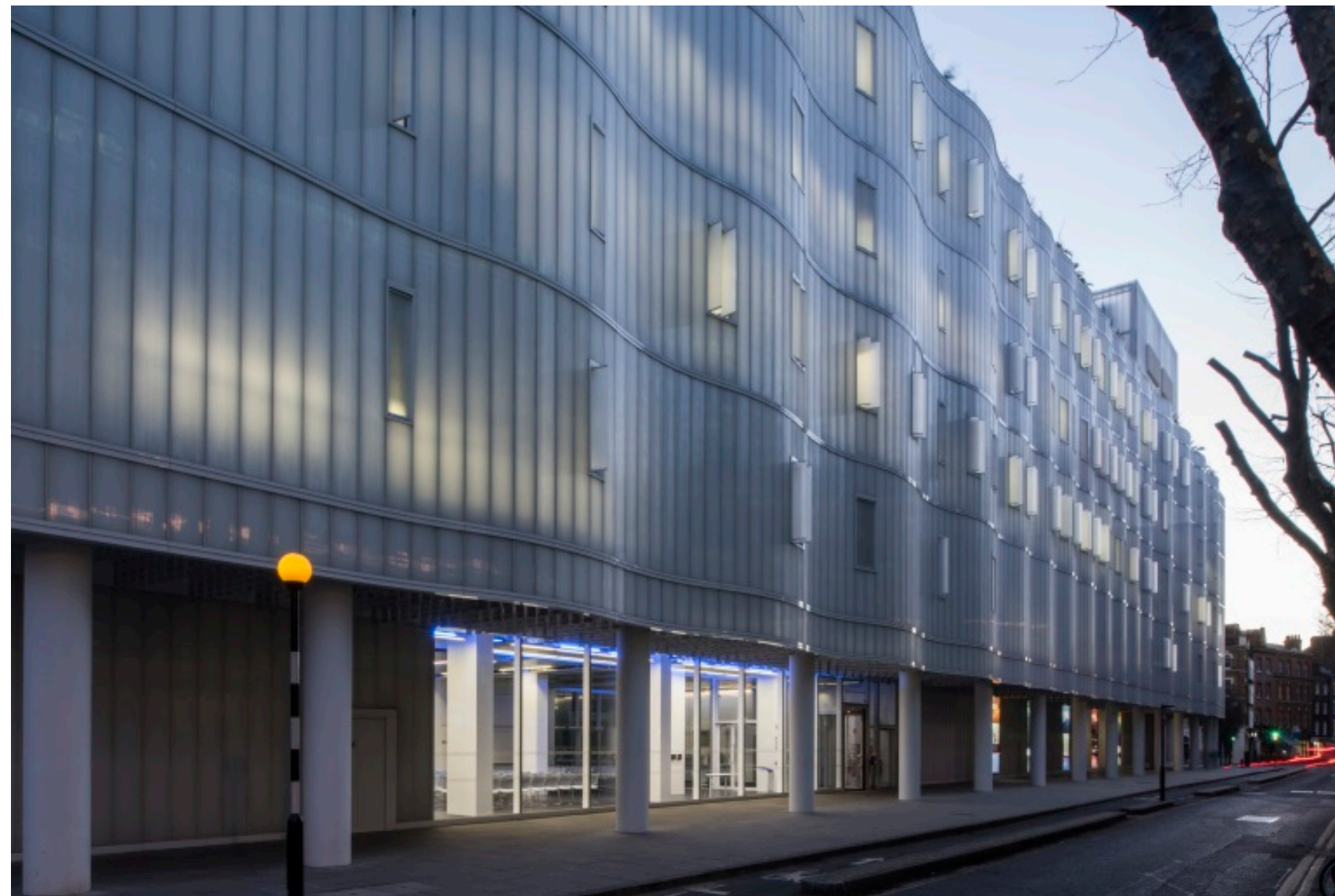
Conduct research in **Machine Learning,  
Cognitive Science & Theoretical  
Neuroscience**

Am interested in building systems that can  
**learn from small amounts of data** and  
bridging **natural & artificial intelligence**

Am funded by Masason Foundation & Ezoie  
Memorial Foundation

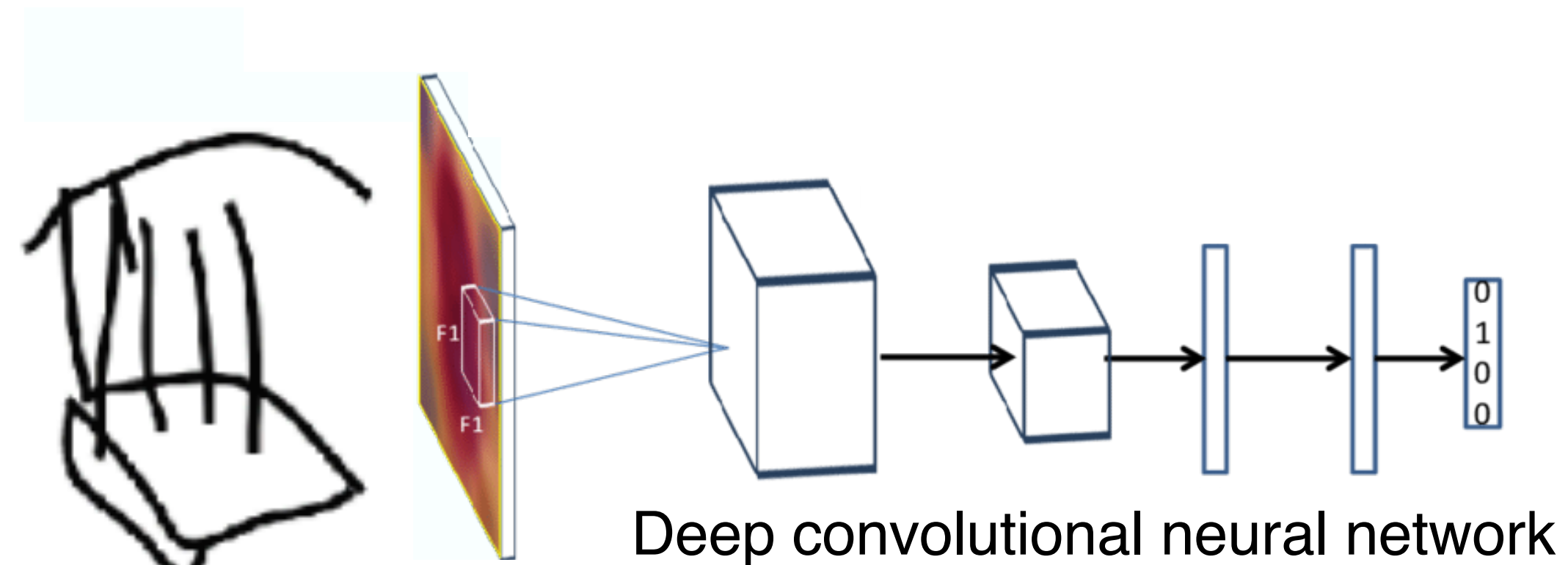


# Why am I here today?

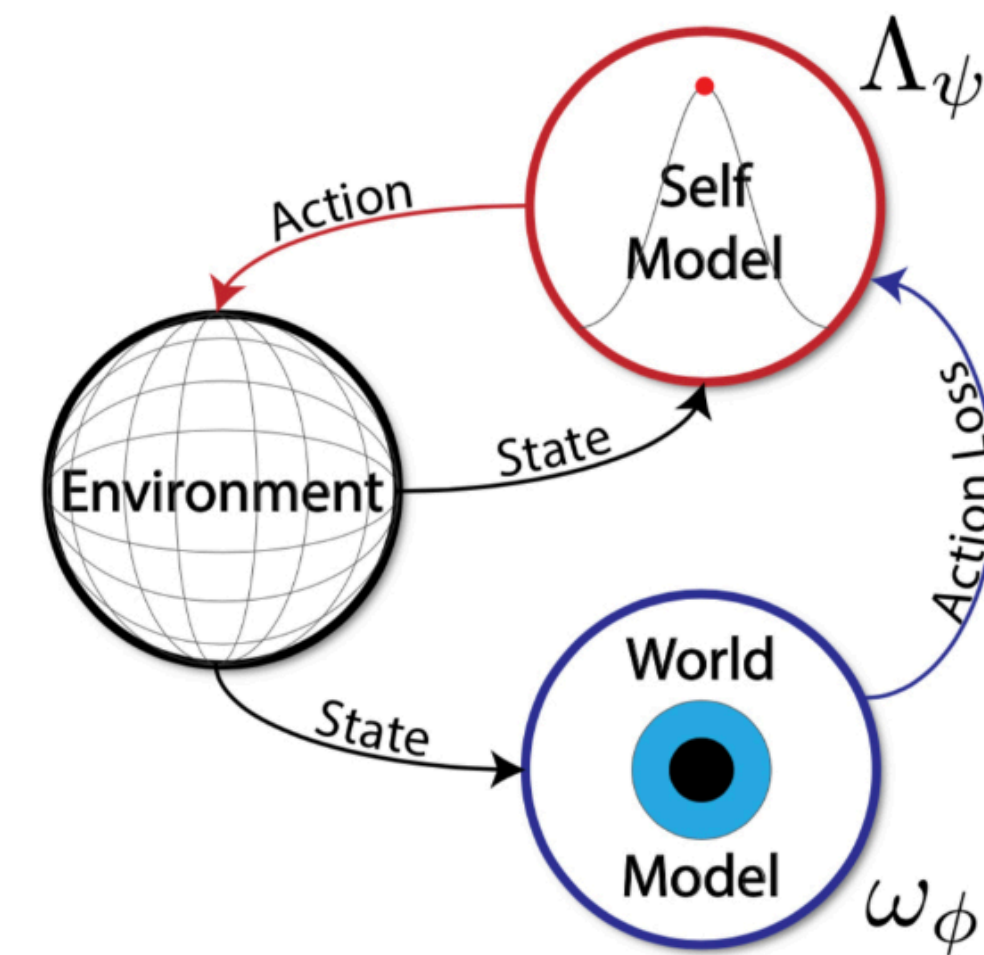


# Automating human cognitive abilities

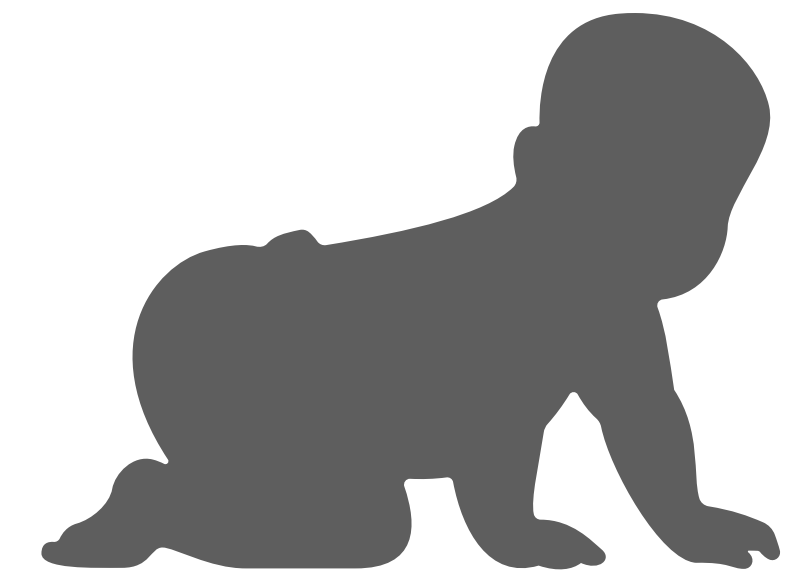
## Visual abstraction in graphical communication



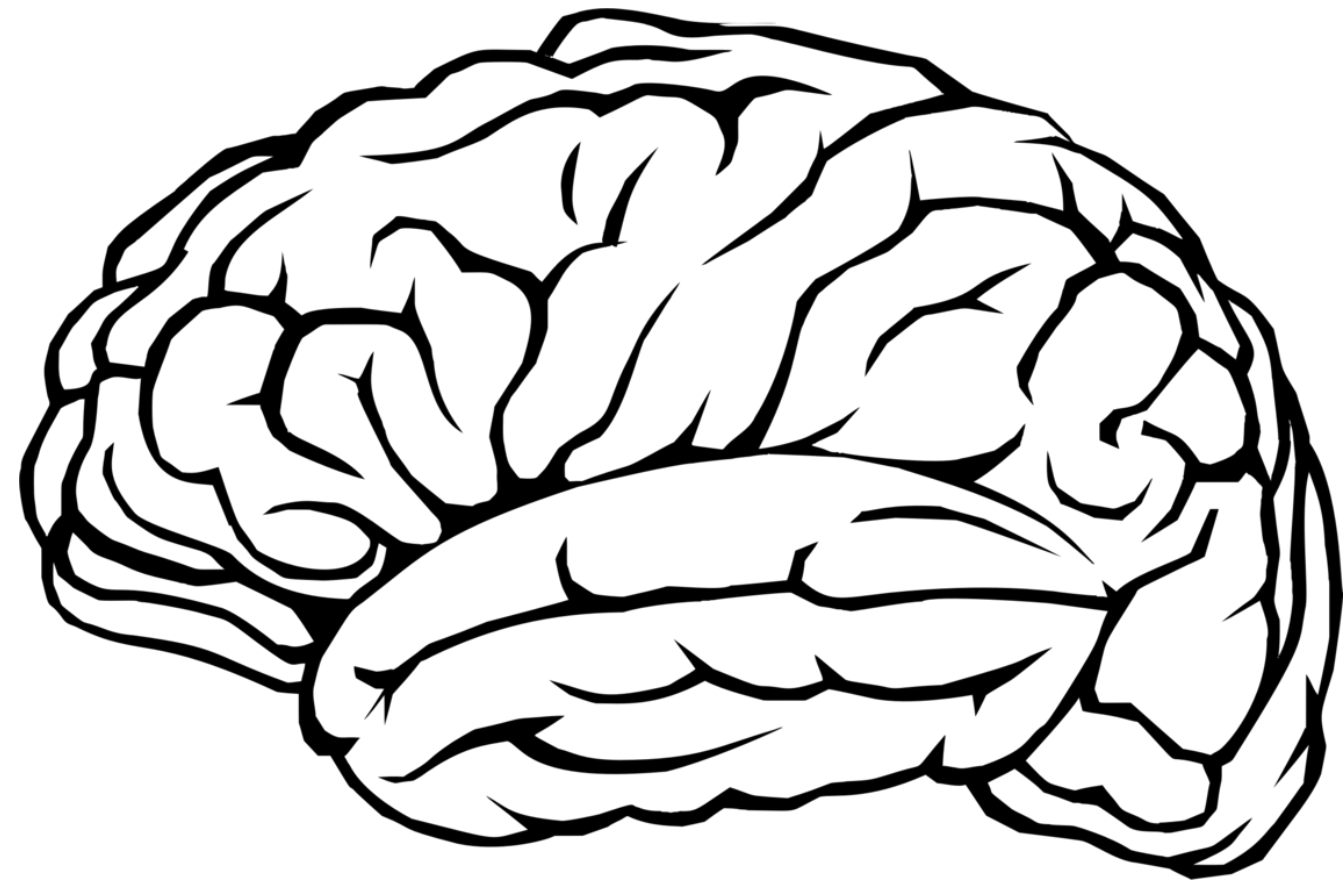
## Intrinsically-motivated autonomous agents



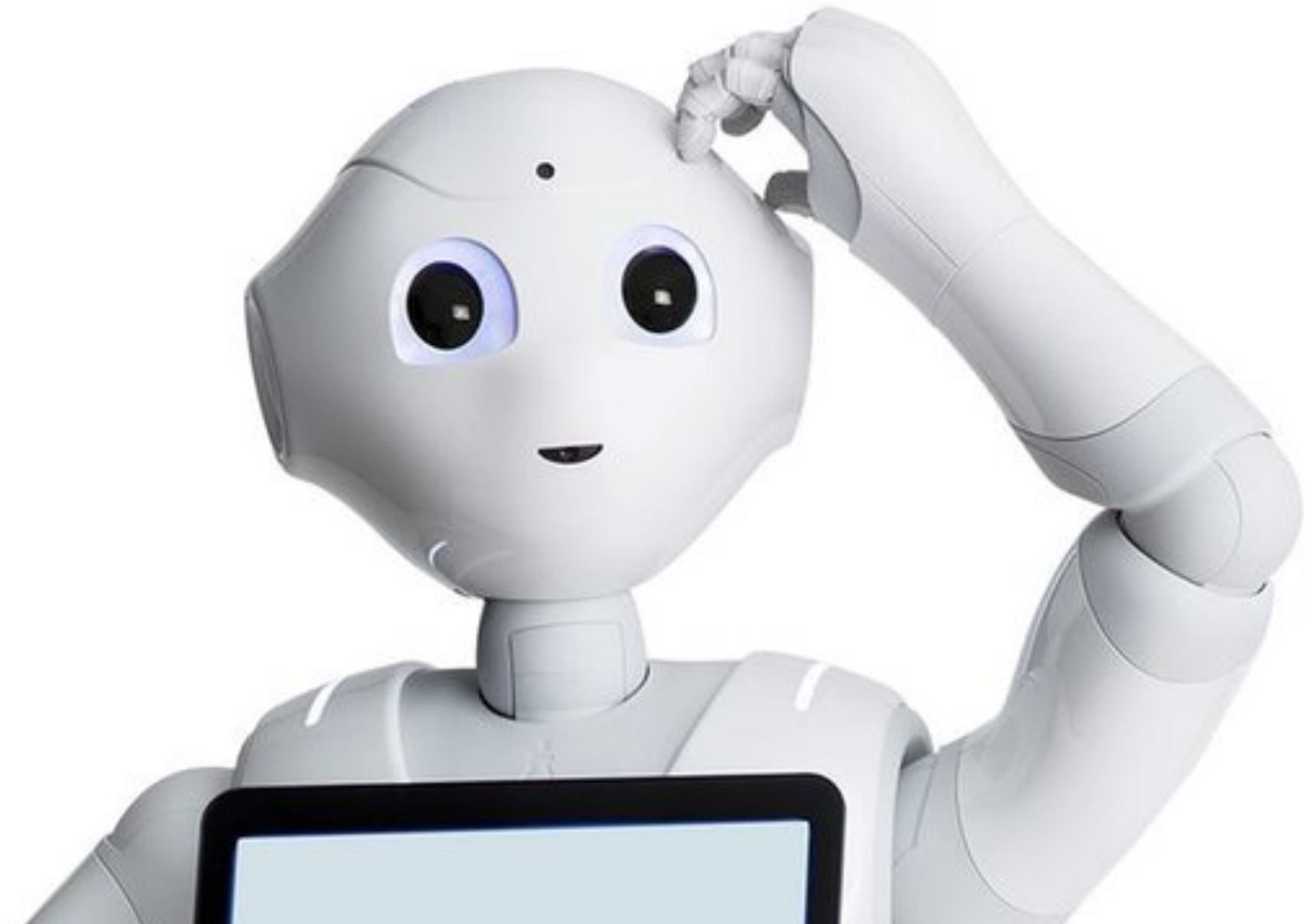
Haber et al. (2018)



# Future implications of human-inspired AI



Unveiling algorithms of the brain  
to understand human cognition



Building flexible & socially capable  
agents to aid education & medicine

孫正義育英財團



公益財団法人  
江副記念財團

Thank you!

