

# AUTOMATING

patrick m.  
pilarski

the automated past, present, and future of human life on earth







STICK  
{a stick,  
branch,  
twig}

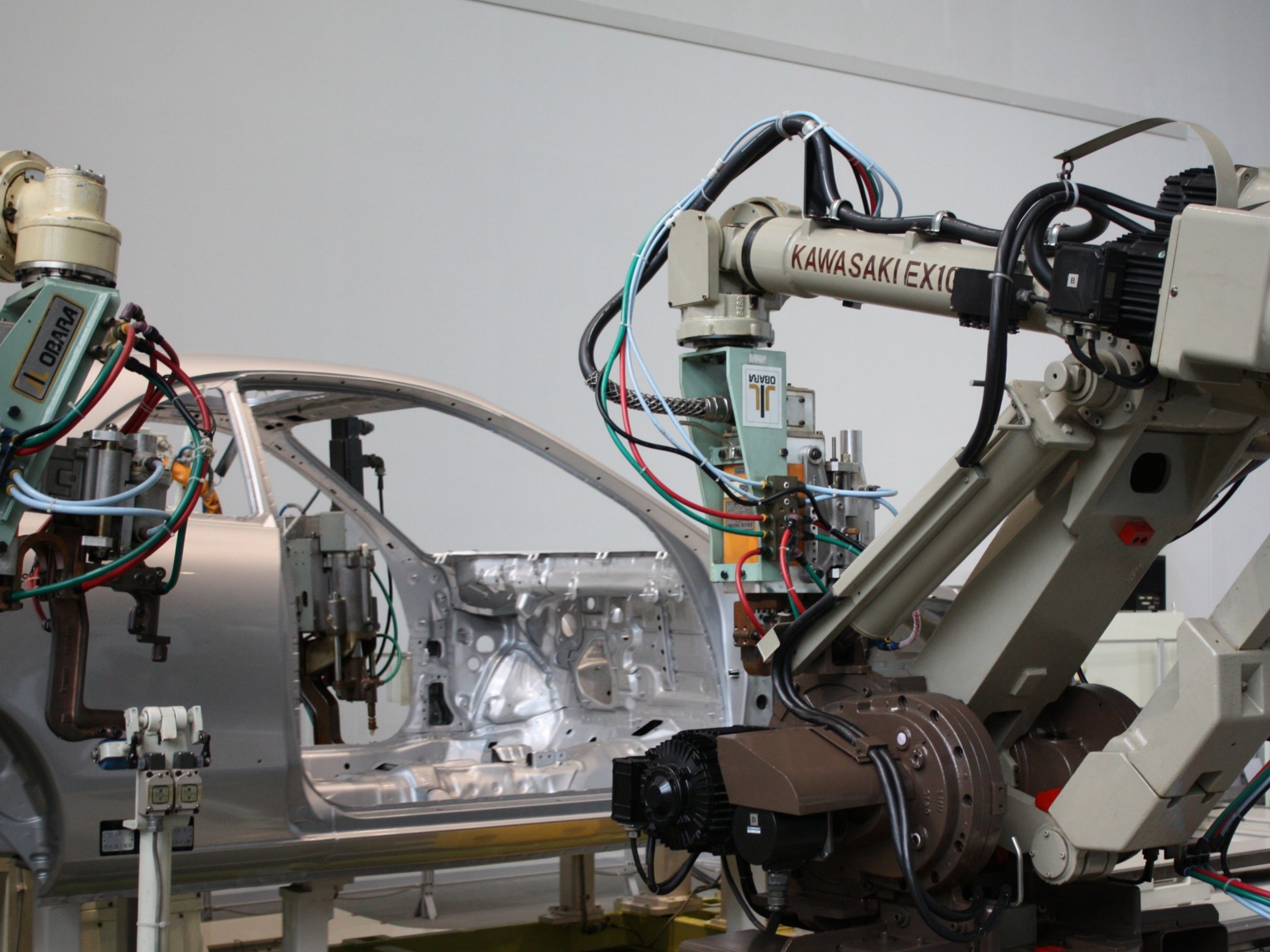


{force multiplier,  
remote actuation}

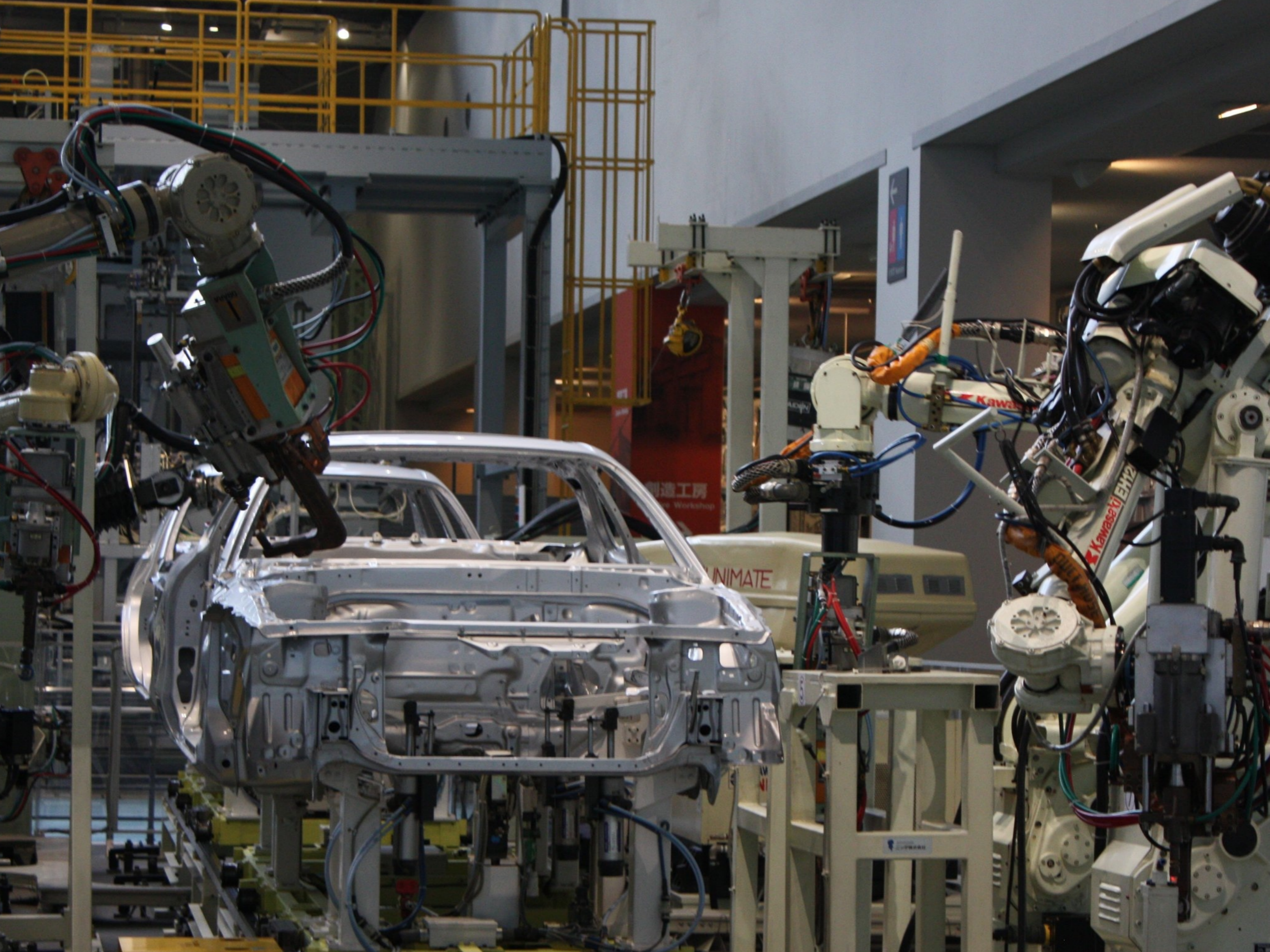


STICK  
{a stick,  
branch,  
twig}

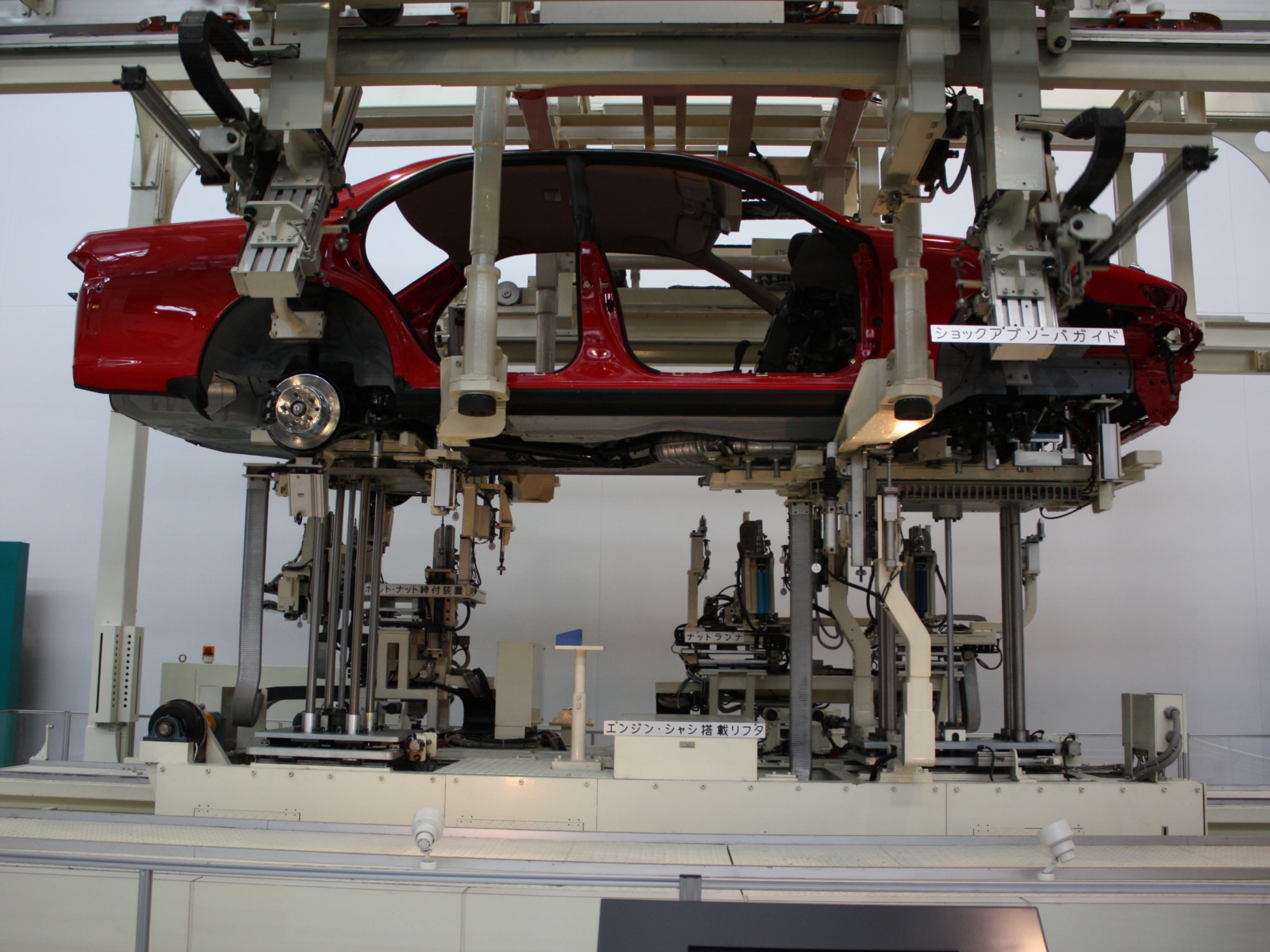












ショックアブソーバガイド

ボルト・ナット締付装置

ナットランナ

エンジン・シャシ搭載リフト





# SPINNING WHEEL



{animal fur,  
plant matter}

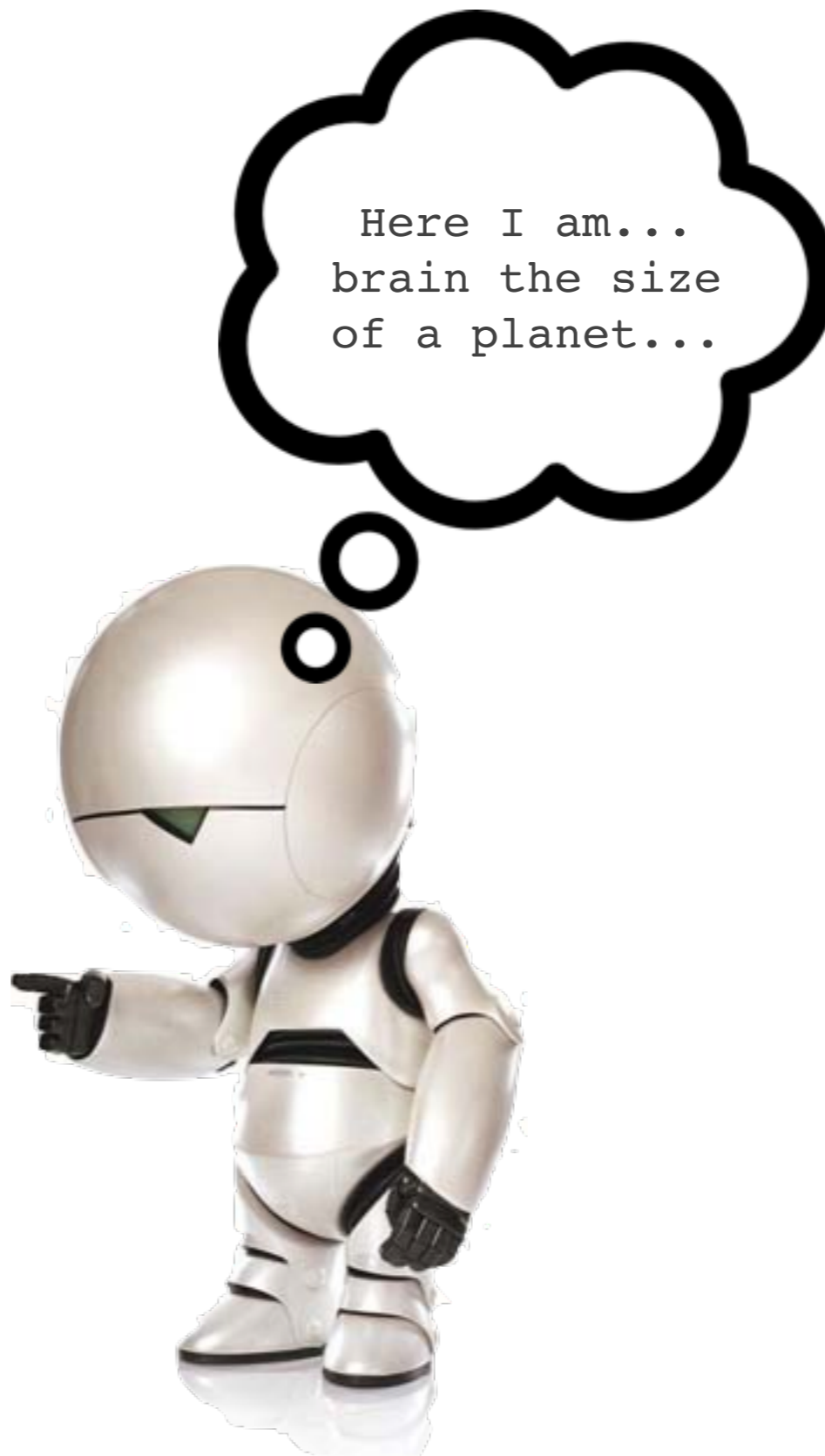
>>

{thread,  
yarn}









**Marvin** the paranoid android from THHGTTG.



**WALL-E**, from the Pixar film of the same name.



**Tmsuk** robot at Aeon shopping mall





**Geminoid Robot** designs of Hiroshi Ishiguro



**Aimee Mullins**



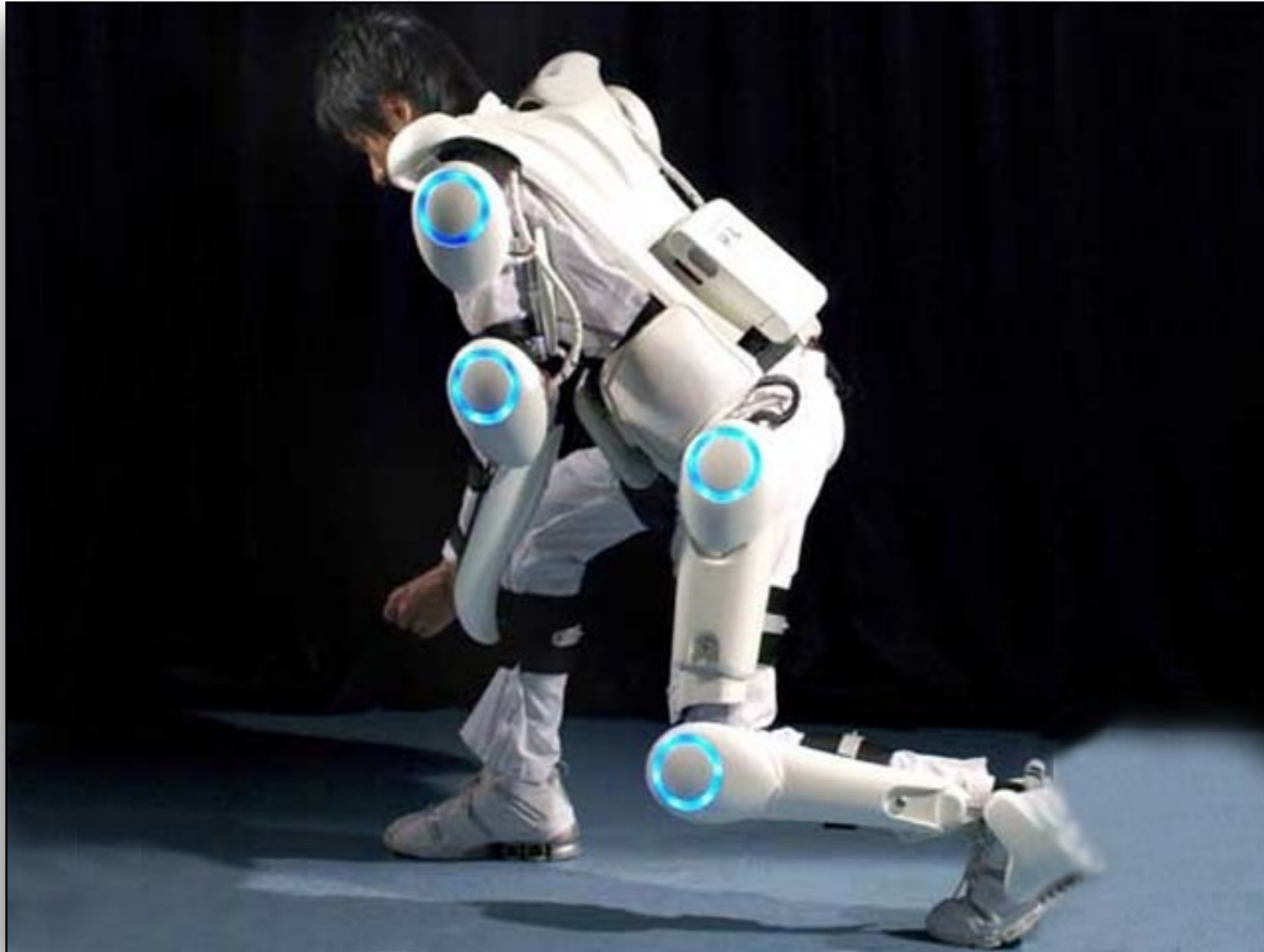
Rehabilitation Institute of Chicago (RIC) research subject, **Zac Vawter** at the top of the Willis Tower in Chicago (Photo: The Associated Press).





**Samus Aran** from the Metroid video game franchise.





**Hybrid Assistive Limb (HAL):** Cyberdyne Inc., Japan.

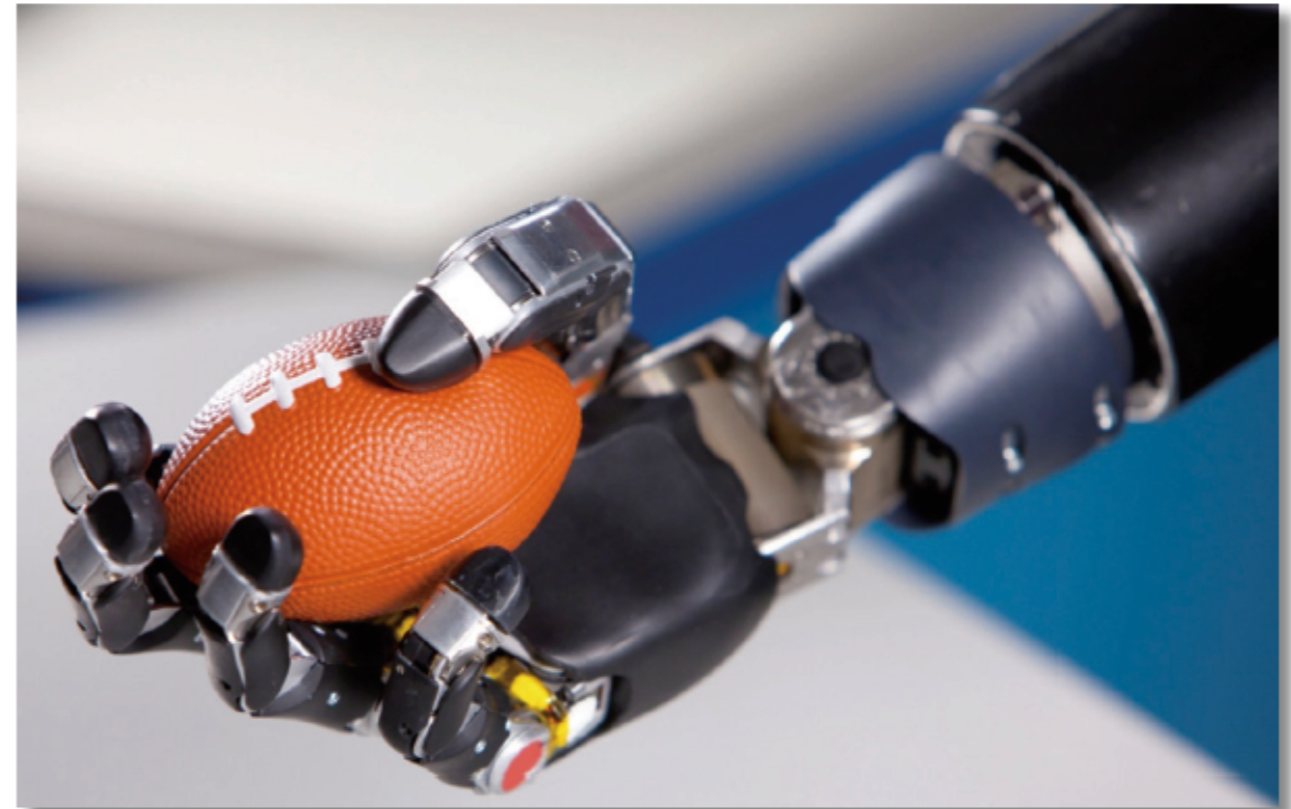


**Hybrid Assistive Limb (HAL):** Cyberdyne Inc., Japan.

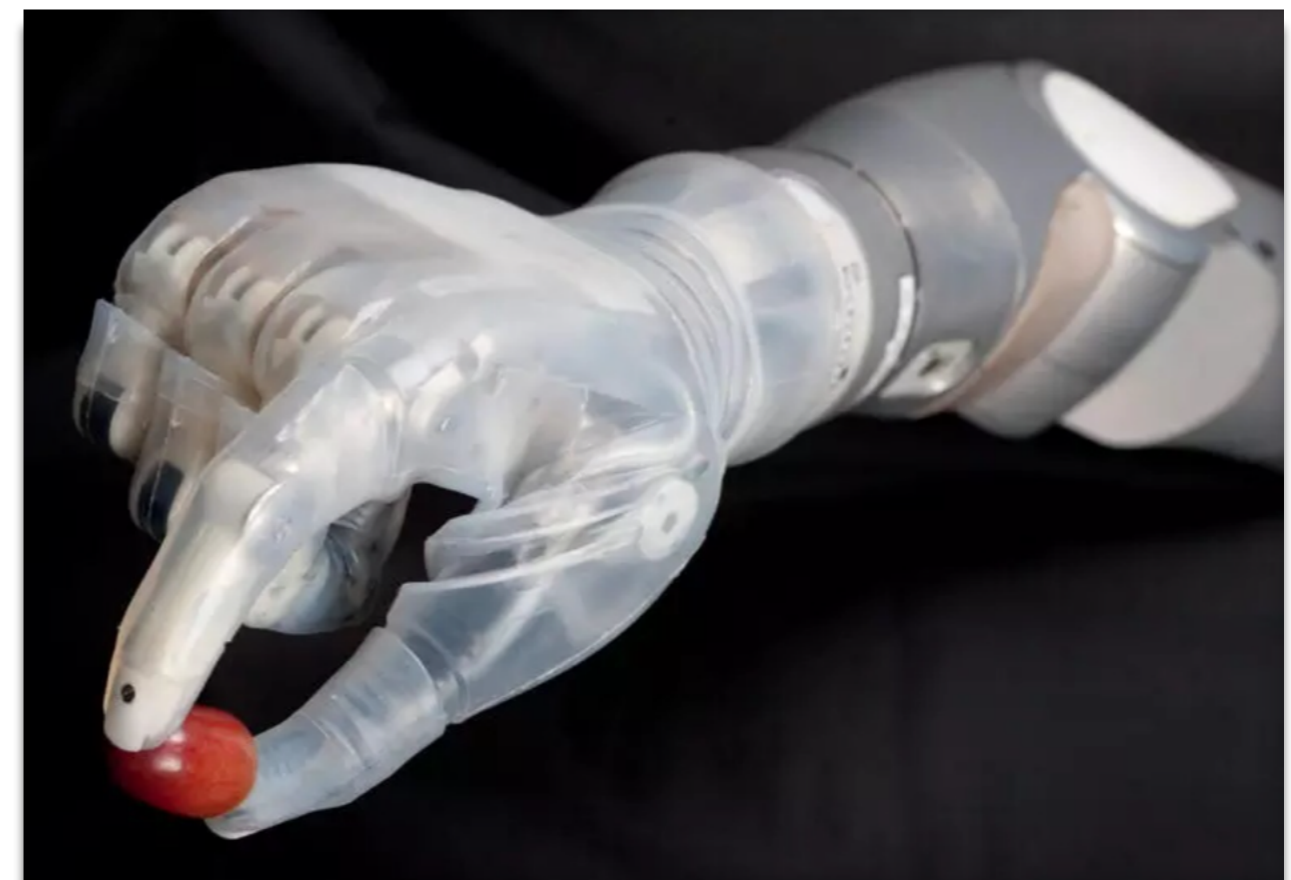




***MPL v1.0***



***MPL v2.0***



***DEKA Arm, 2014***







Courtesy of DEKA Research & Development and  
The Rehabilitation Institute of Chicago





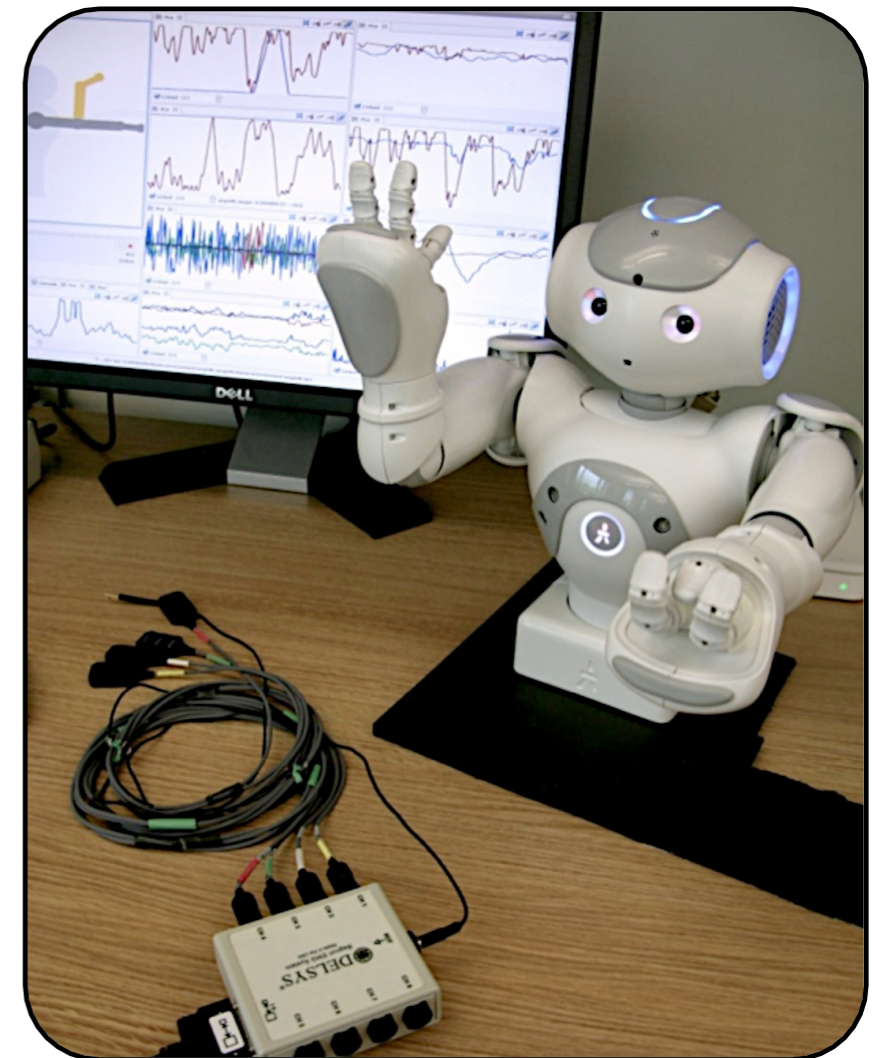
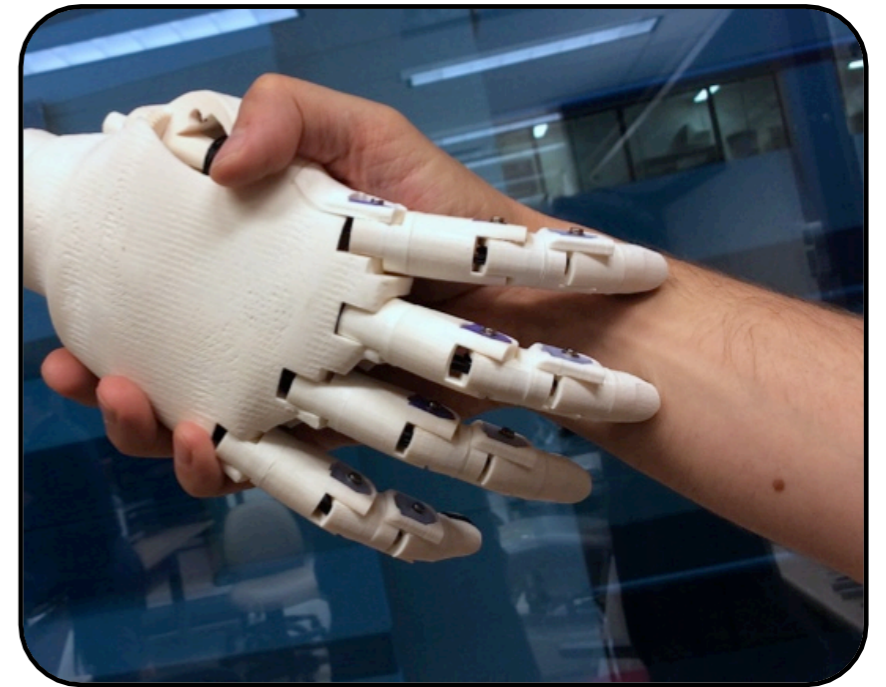
**BrainGate:** University of Pittsburgh







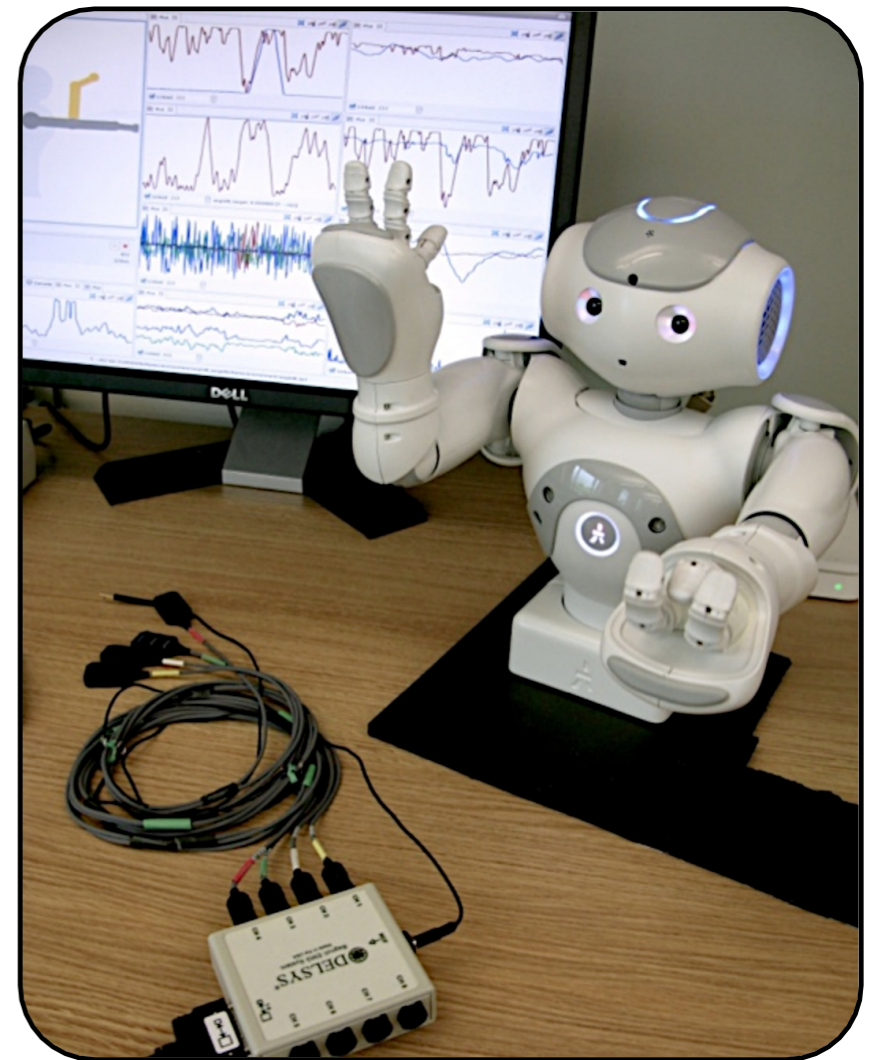
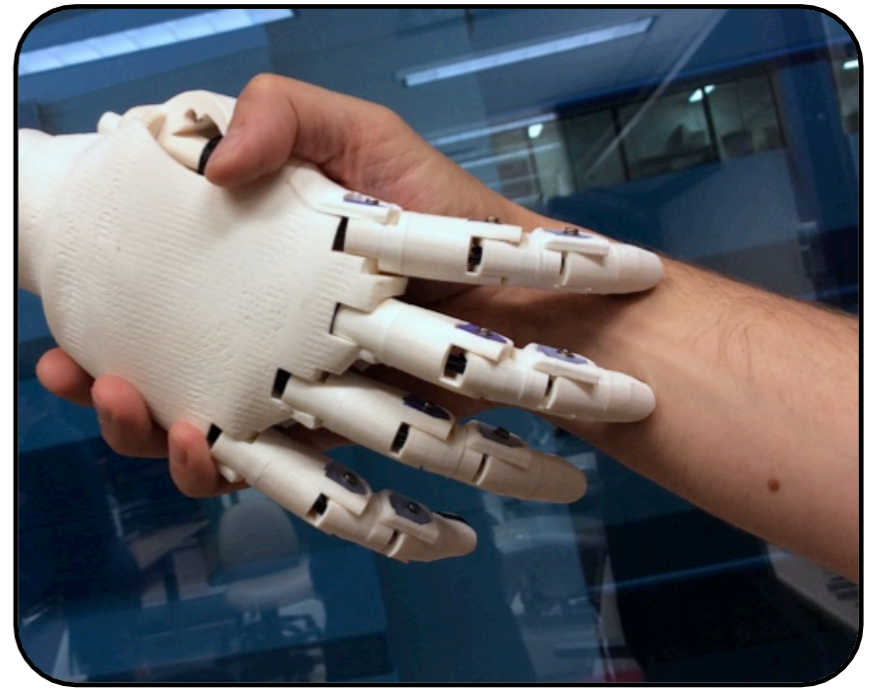
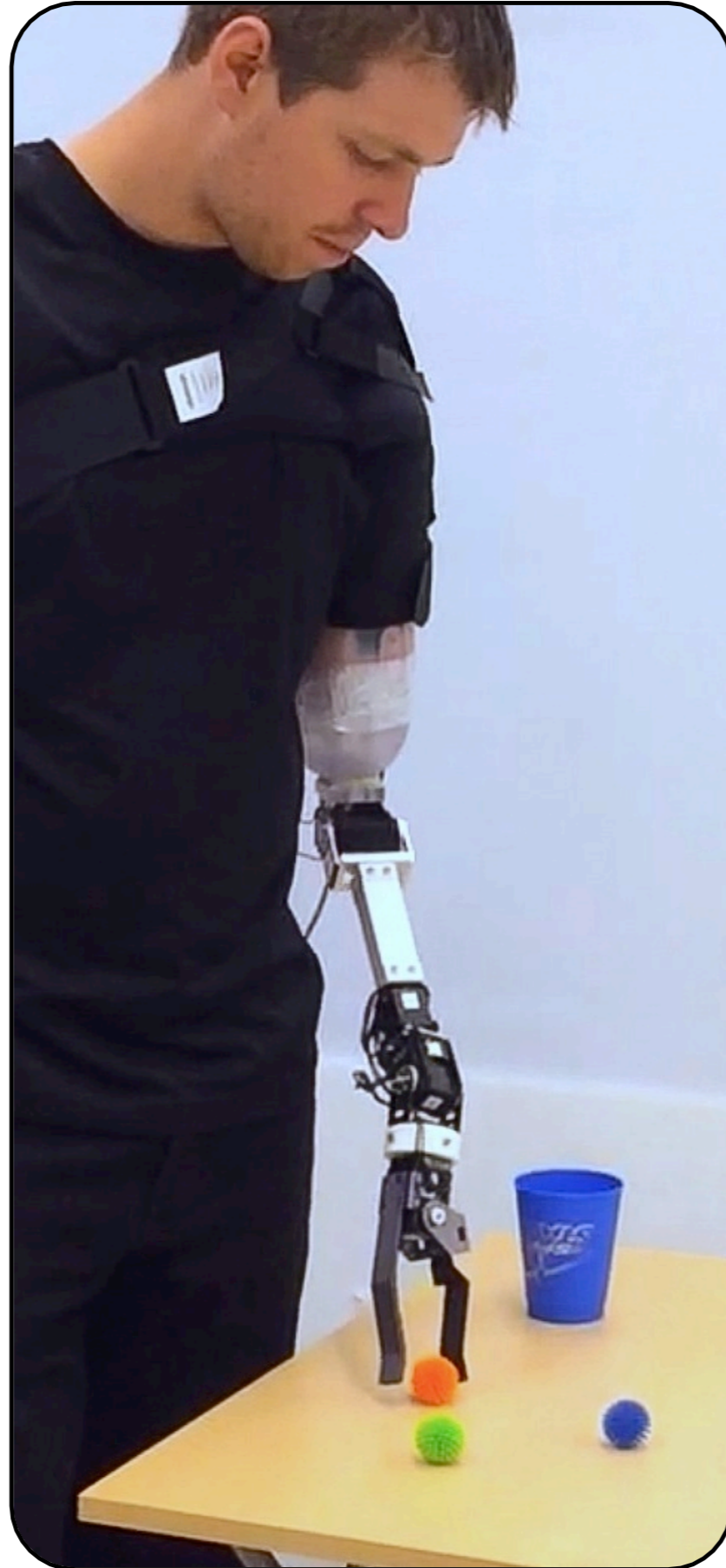
STICK  
{force  
multiplier,  
remote  
actuation}



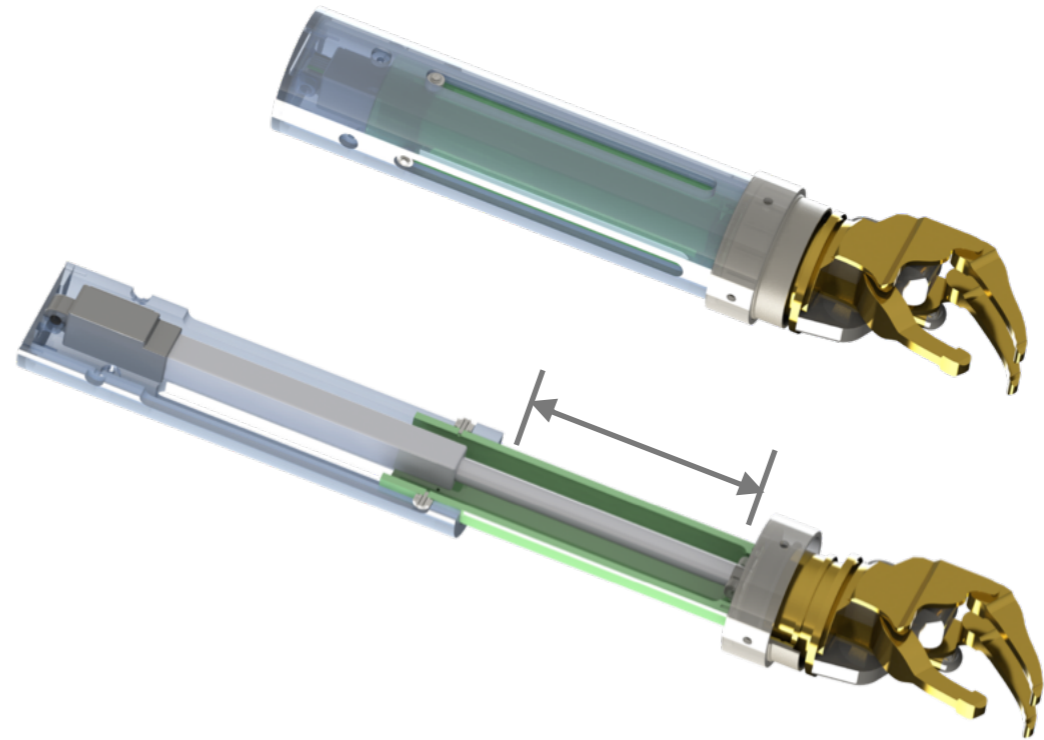
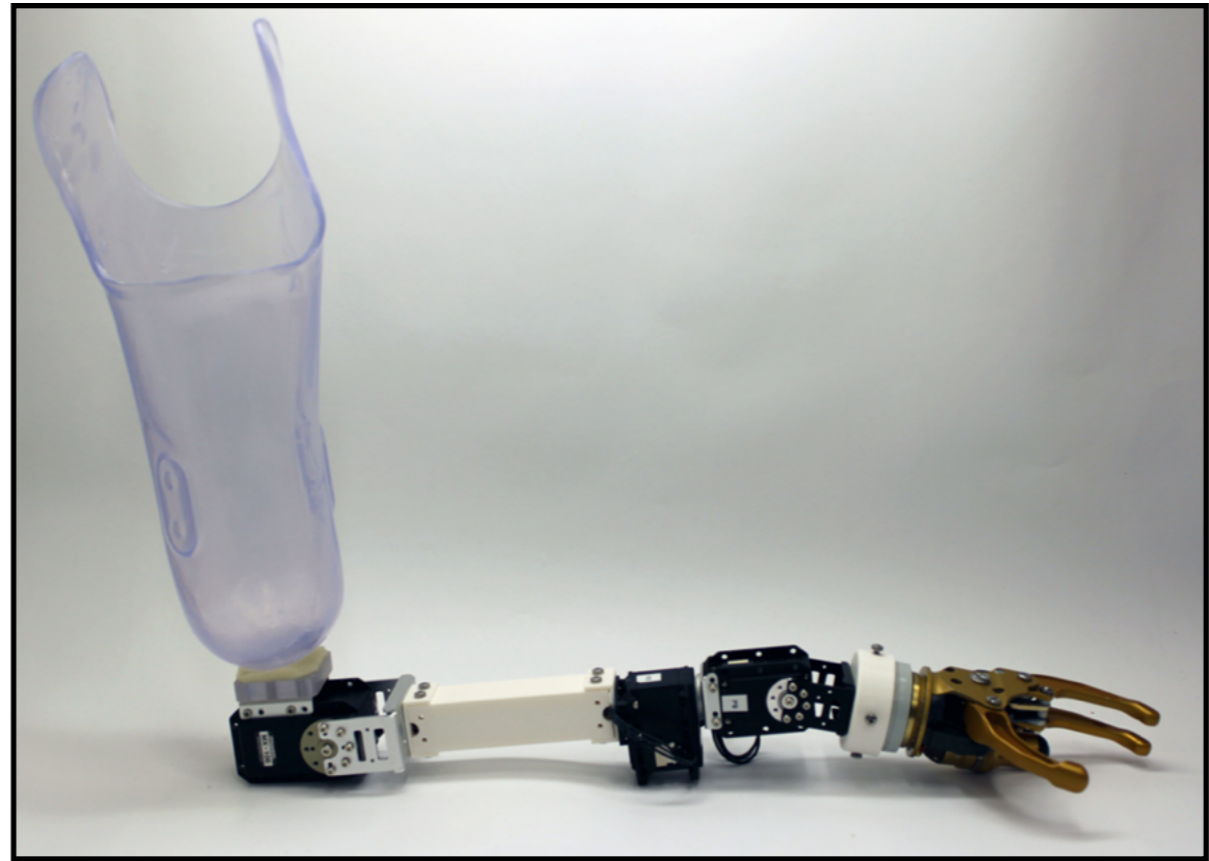
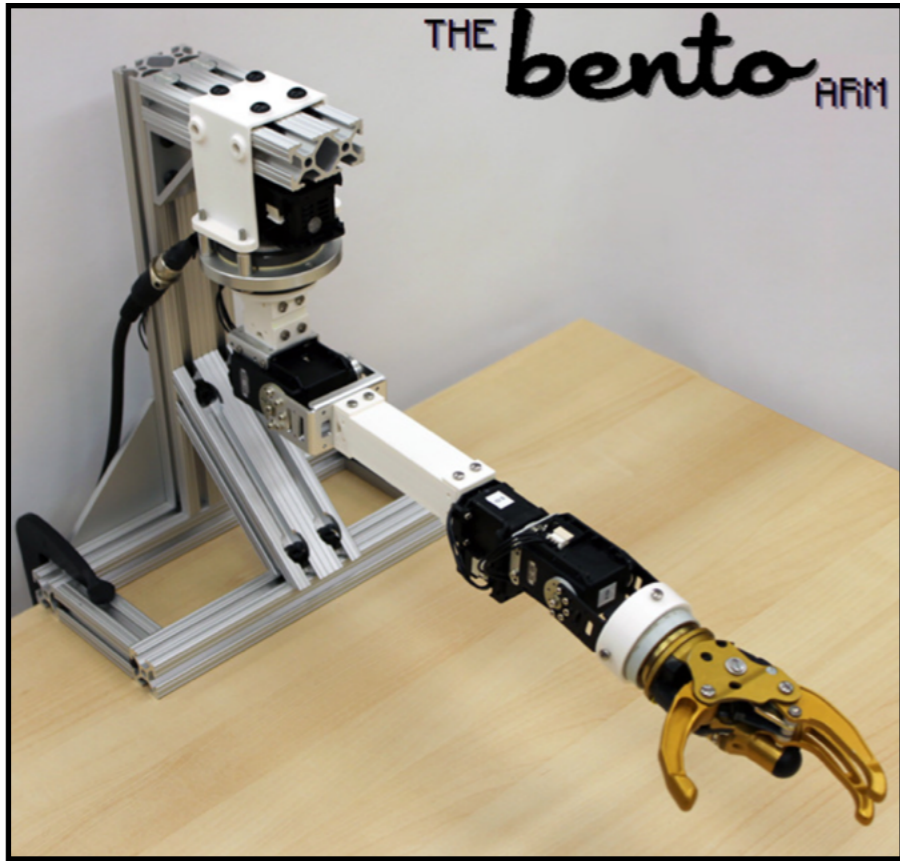


STICK  
{force  
multiplier,  
remote  
actuation}

LIMB  
{force  
multiplier,  
remote  
actuation}



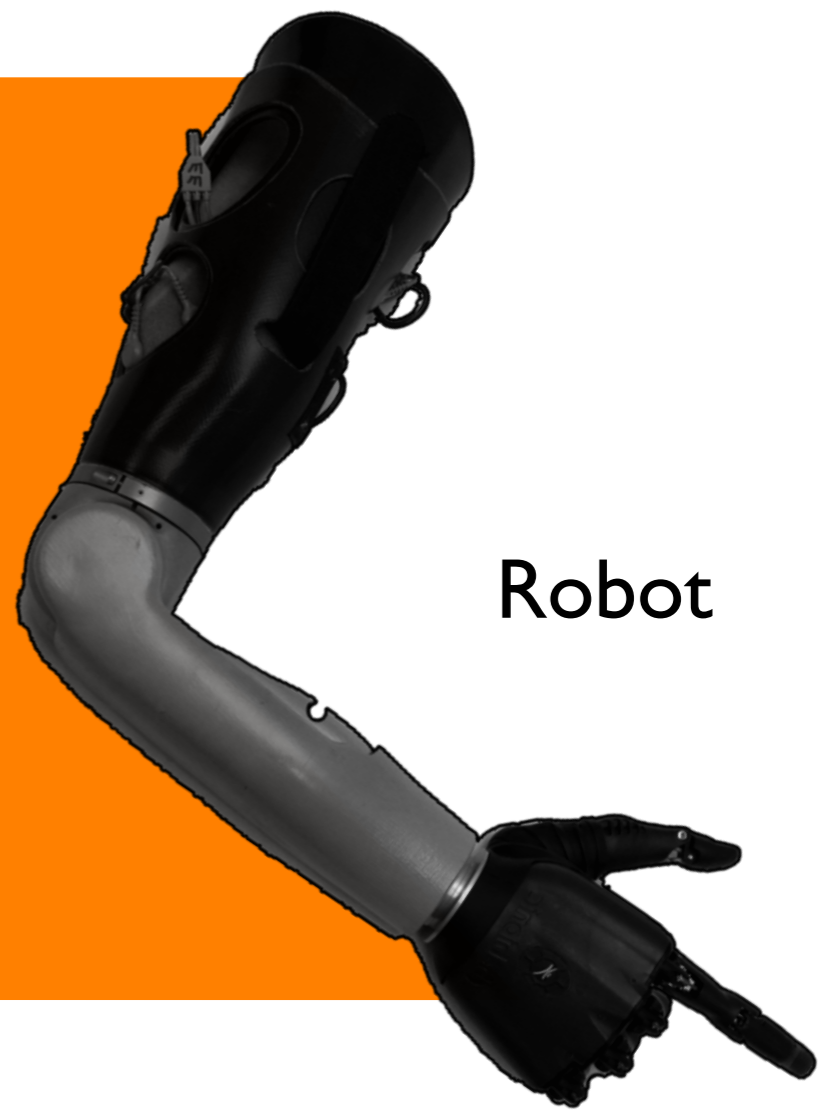
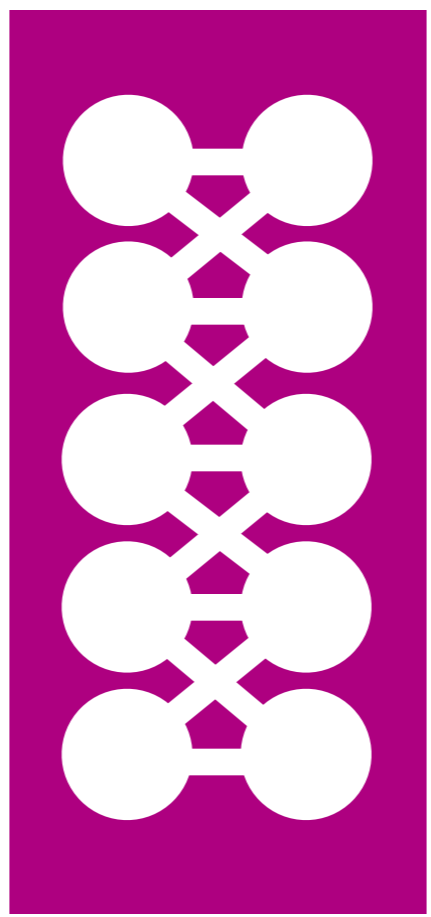




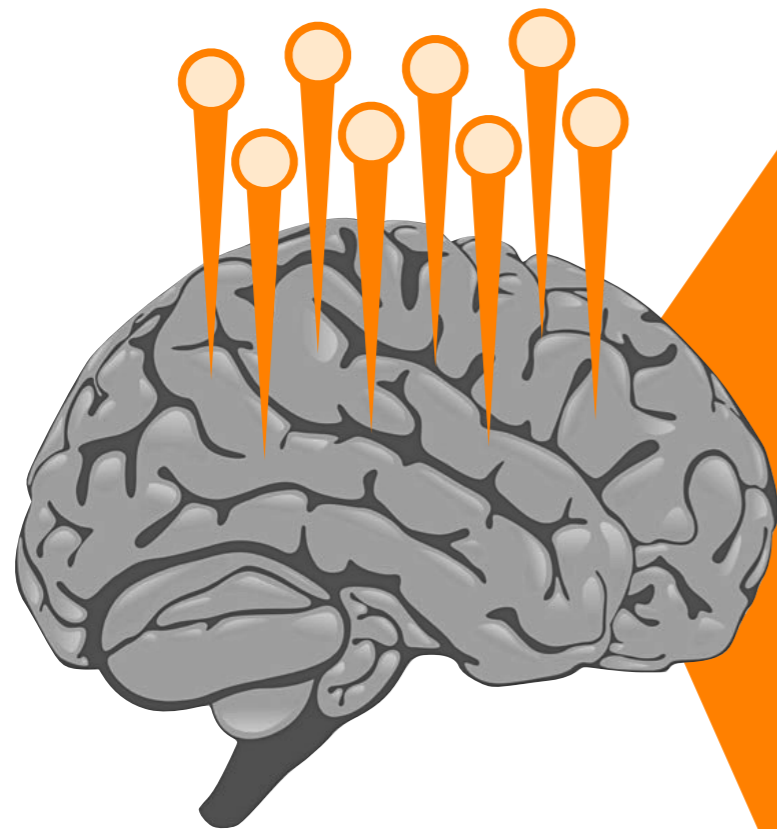
**Extendable Forearm Prosthesis**



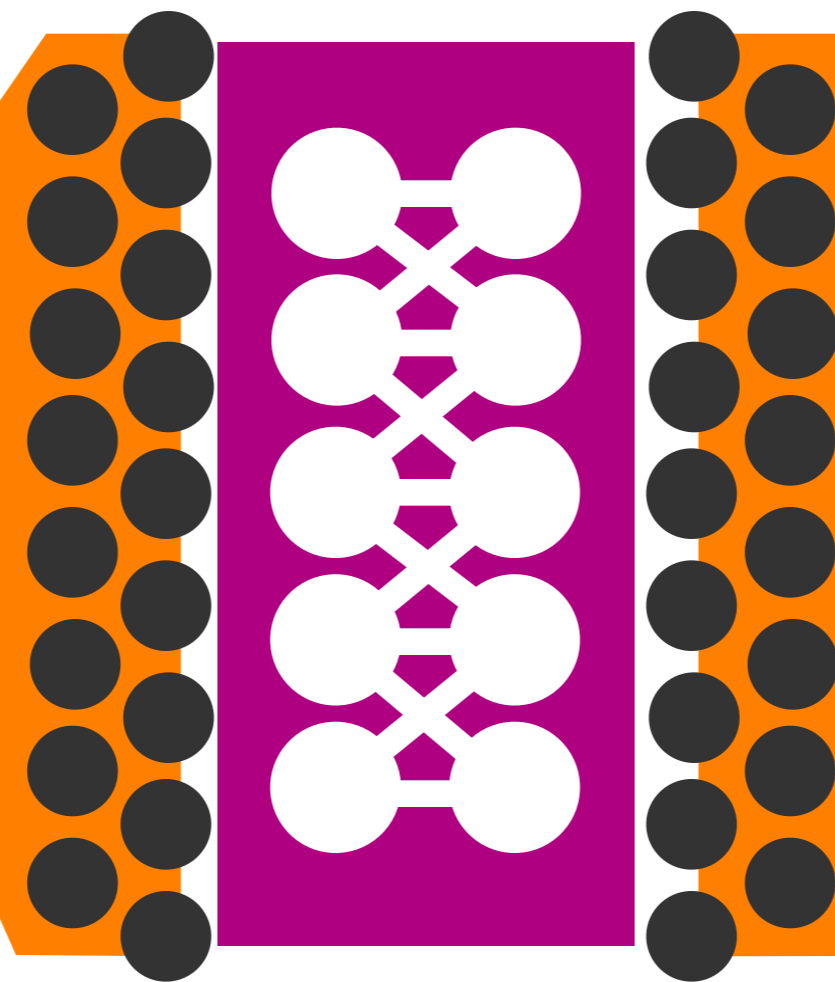
Human Body



Robot



Human Mind



Synthetic Body



[Web](#)[Images](#)[Videos](#)[News](#)[More](#)

English – detected



Japanese



maple syrup is not a  
robot

メープルシロップは、ロ  
ボットではありません

Mēpurushiropu wa, robottode wa  
arimasen

### Google Translate

[translate.google.ca/](https://translate.google.ca/)

Google's free online language **translation** service instantly **translates** text and web pages. This translator supports: English, Afrikaans, Albanian, Arabic, ...

### Free Translation and Professional Translation Services from SDL

[www.freetranslation.com/](https://www.freetranslation.com/)

SDL is the world's number 1 provider of free and professional language **translation** services for websites and documents. **Translate** from English to Spanish, ...

### Bing Translator

[www.bing.com/translator/](https://www.bing.com/translator/)

Alright, here's what  
I found for  
"baking squid pancakes"

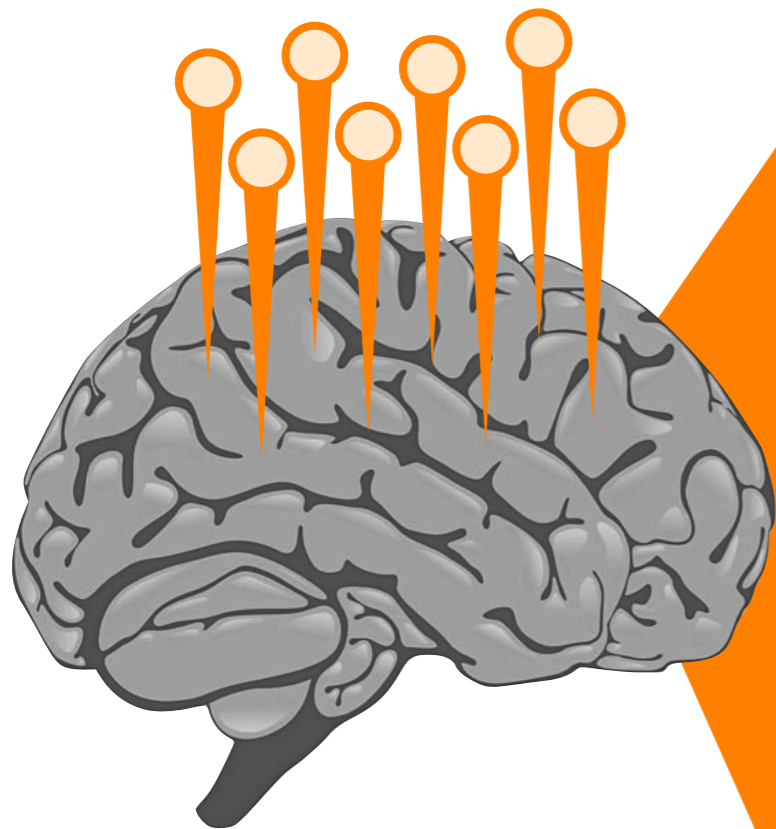




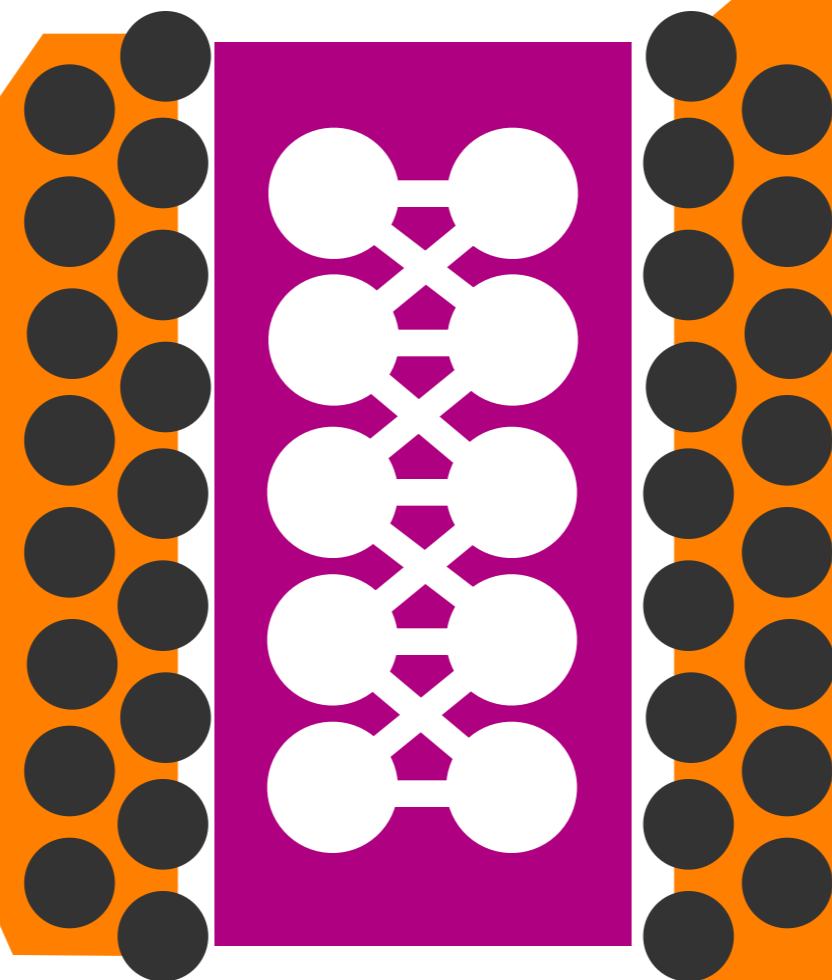
Alright, here's what  
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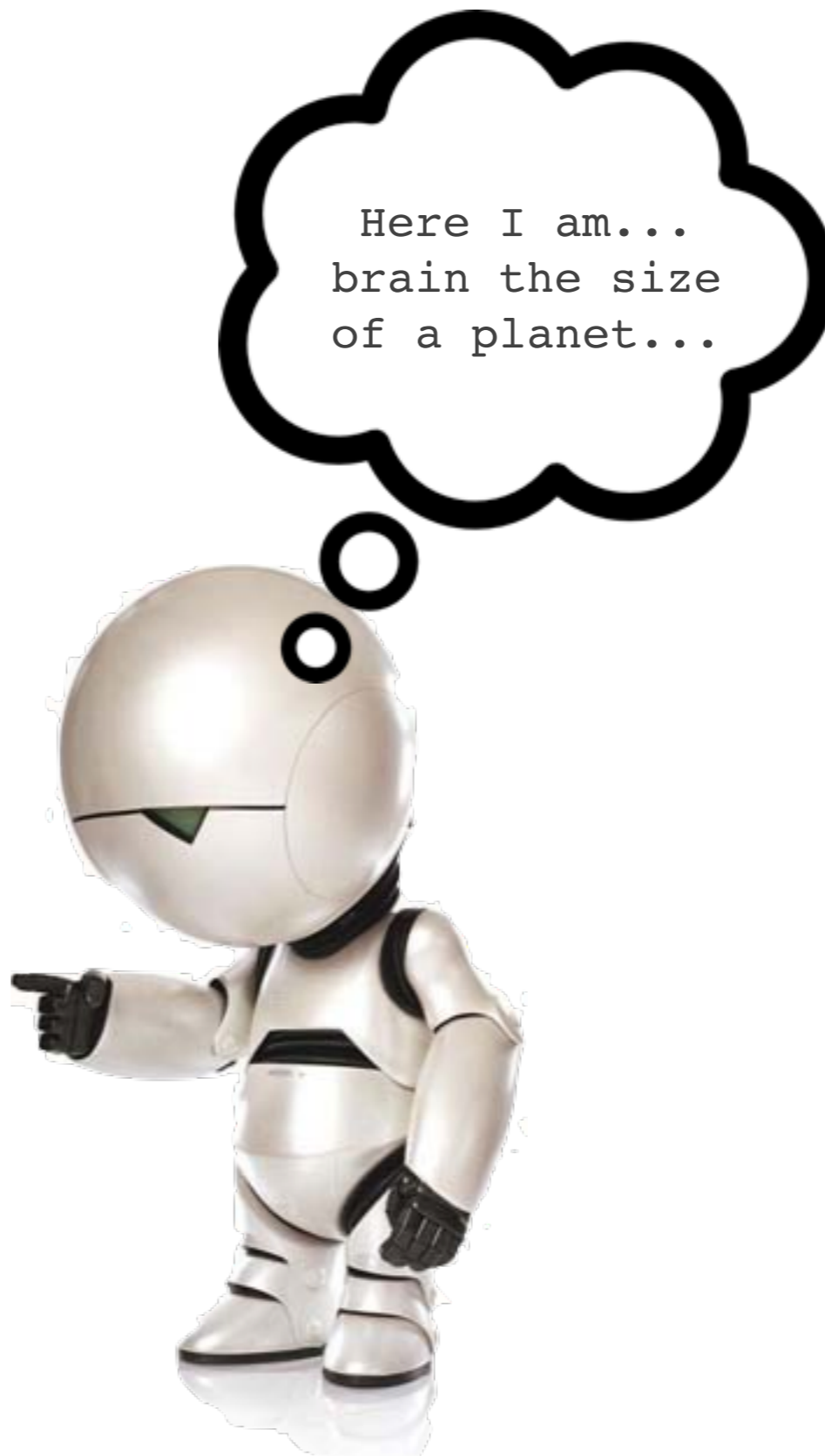
Texting "squid-cake  
recipe" to your mother.  
Ready to send?





Human Mind





**Marvin** the paranoid android from THHGTTG.







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