

# Robotics in Manufacturing: Working alongside Baxter

Daniel J. Rea – PhD. Student, University of Manitoba

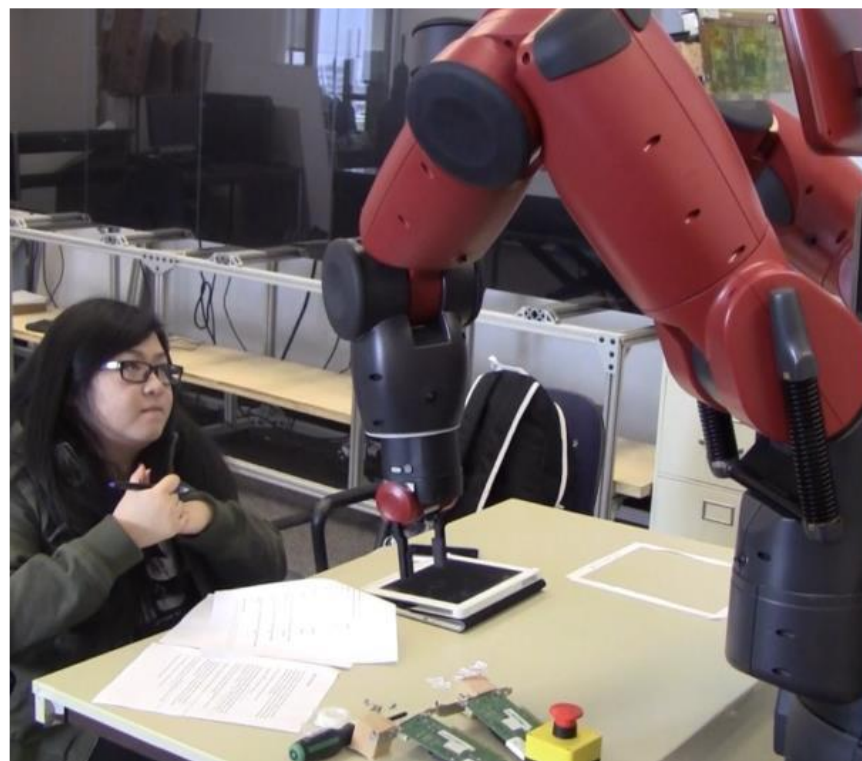
Johann Wentzel – Undergrad Researcher, University of Calgary



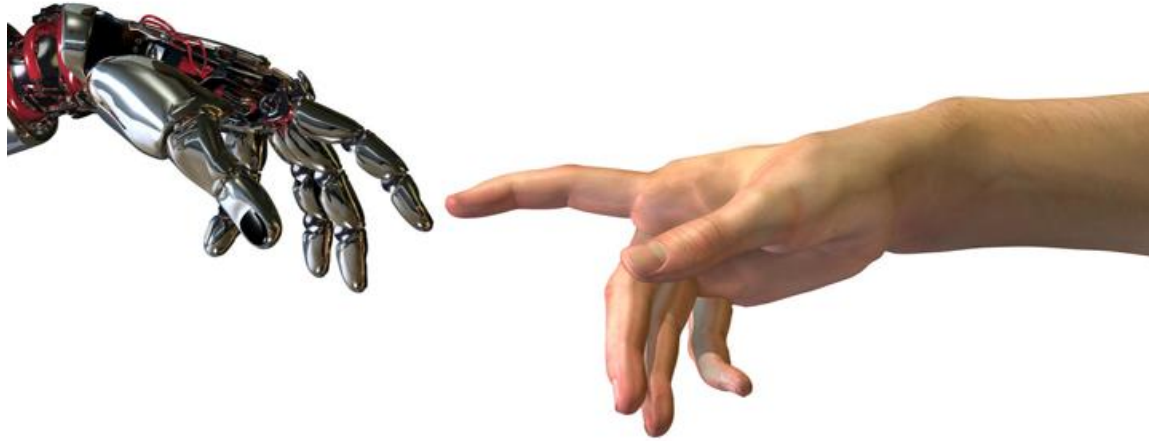
# Shared Presence



# Inspector Baxter



# Shared presence



What if there were a way to work  
and see in two places at once?



SingularitySummit.com



Wikipédia

Com o apoio da Wikipédia


Projeto Wikimedia

### Notícias

**Após 18 dias de forte especulação política no Brasil, Dilma Rousseff (PT) renuncia à presidência do país.**

- Após 18 dias de forte especulação política no Brasil, Dilma Rousseff (PT) renuncia à presidência do país.
- Apelo desta e de outros líderes do movimento de 15 de maio para o governo federal.
- Detalhando de um revendo referendo mostra em qual medida 90% dos eleitores não são a favor da separação do Sul do Estado de São Paulo.
- Os líderes Kim Jong-il e North Korean lançaram os títulos publicados no Open de Austrália de 2011.
- No anúncio, a França derrota a Alemanha e compartilha o Campeonato Mundial de 2011. **Mortes violentas - Mais notícias atuais...**

### Imagens da vida



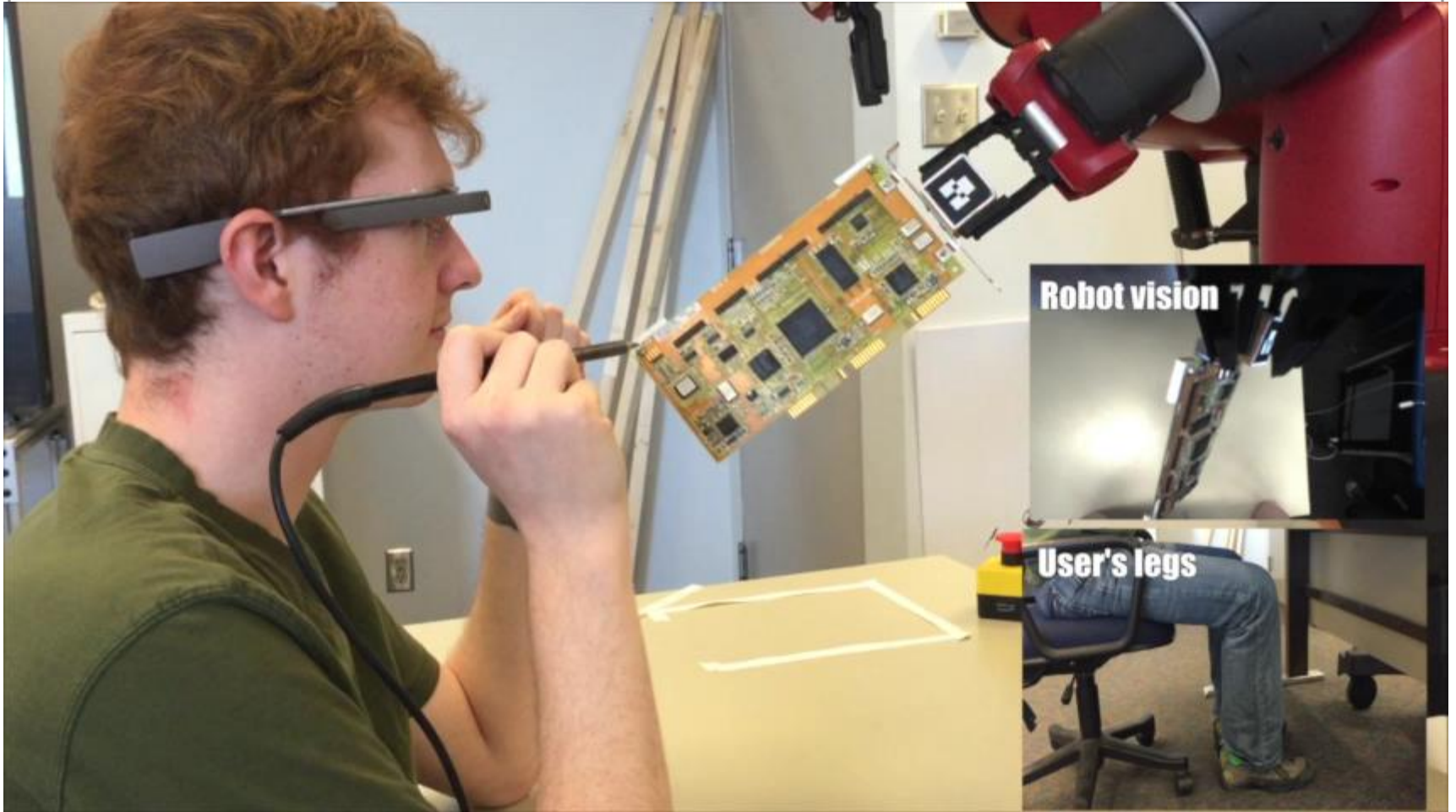
Imagens de espécies ameaçadas de extinção.

### Projetos irmãos

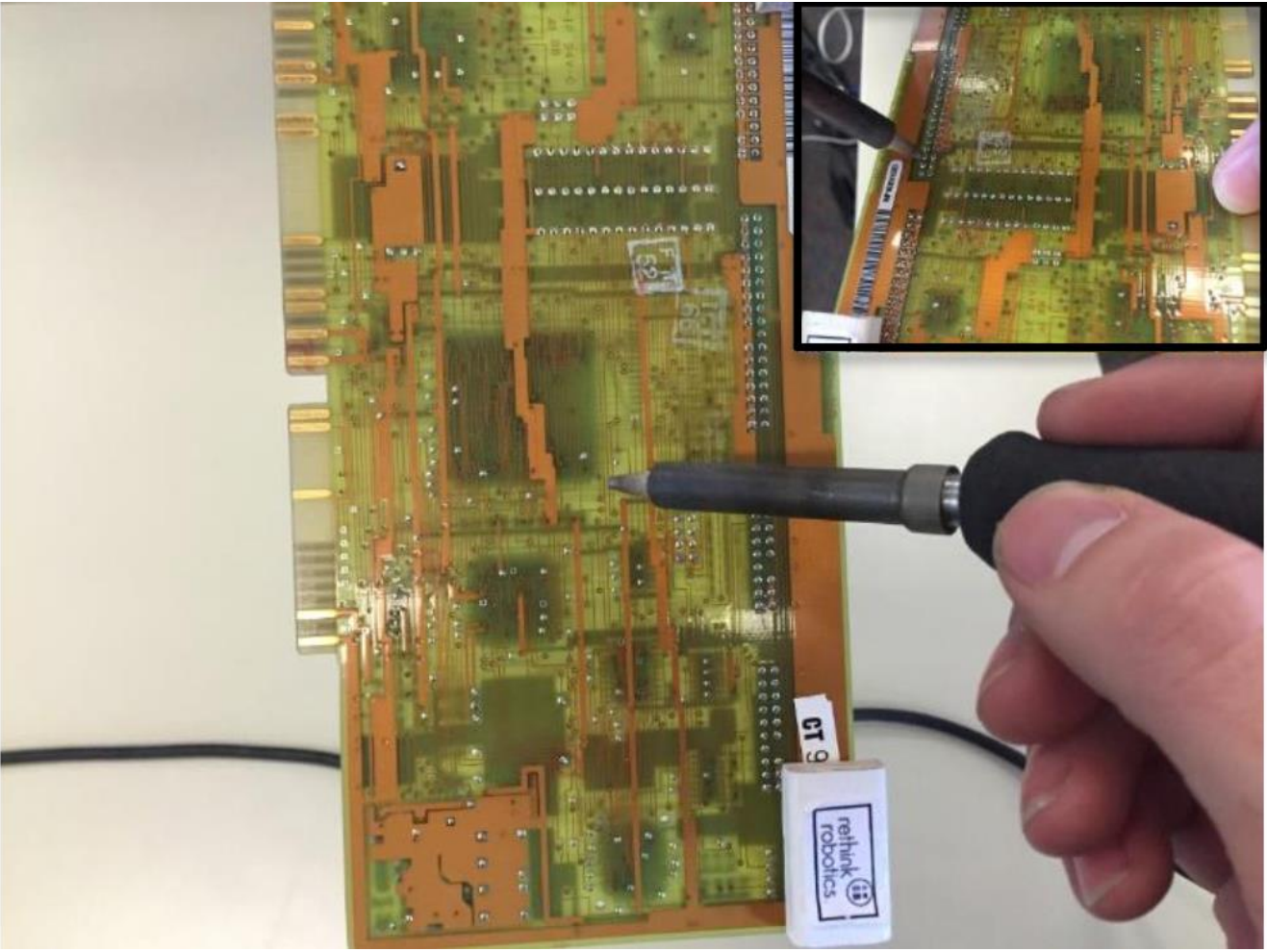
A Wikipédia está graças à Wikimedia Foundation, entidade sem fins lucrativos que apoia projetos em diversas idiomas e de conteúdo livre.

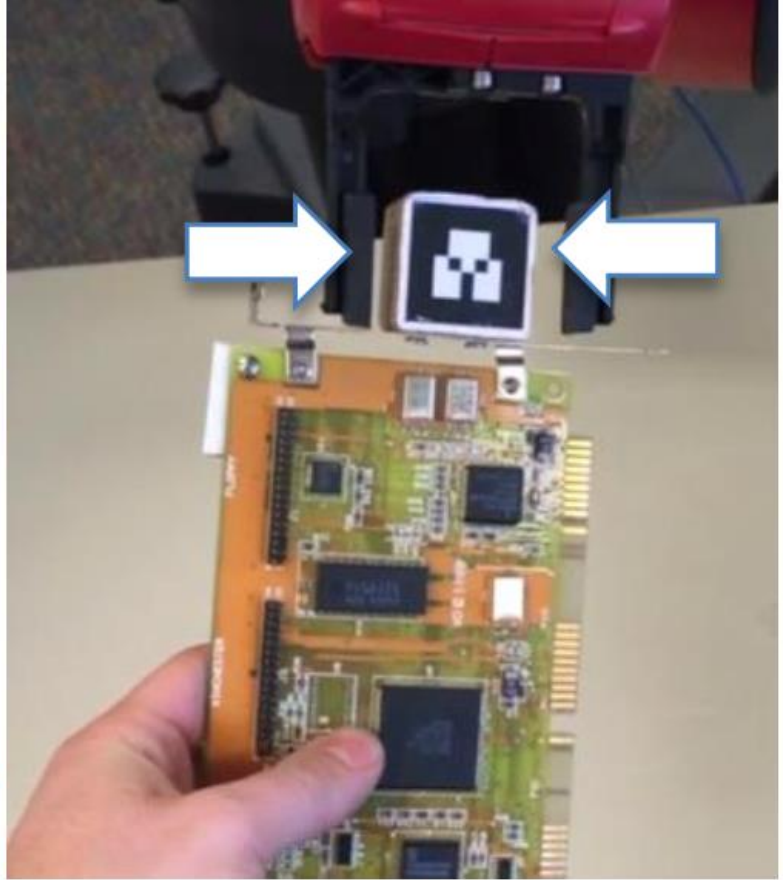
- Wikipédia
- Comunidade de citações
- Wikisource
- Documentos em inglês
- Wikispecies
- Decomunidade de idiomas
- Wikimedia Commons
- Wikimedia Espanol









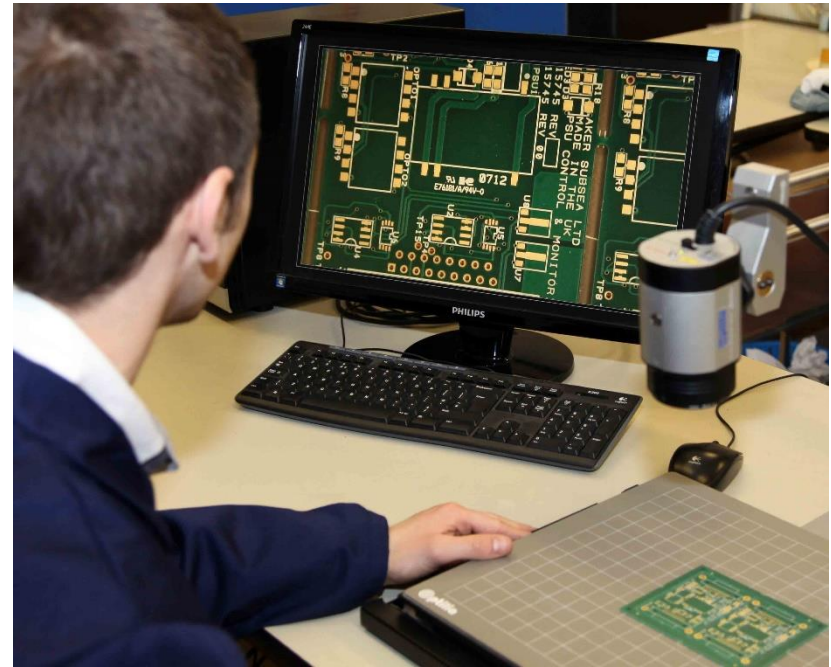




# Inspector Baxter



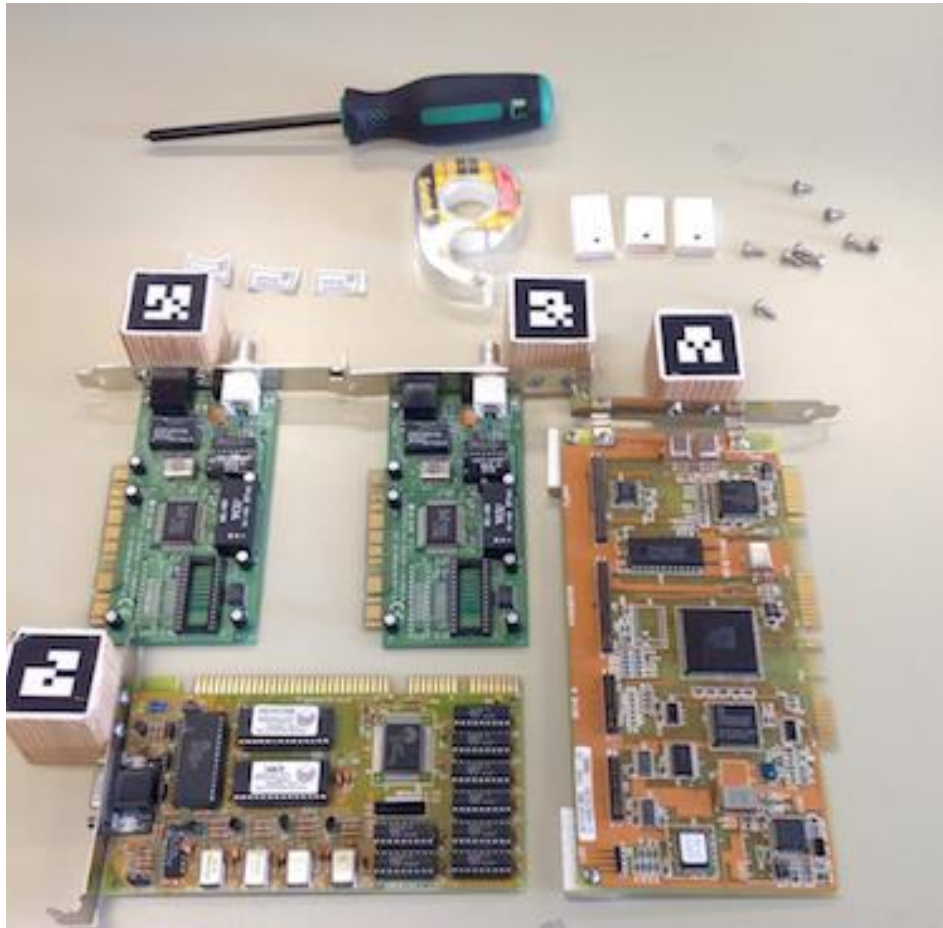
[futuristicnews.com](http://futuristicnews.com)



[eyetraining.org.uk](http://eyetraining.org.uk)

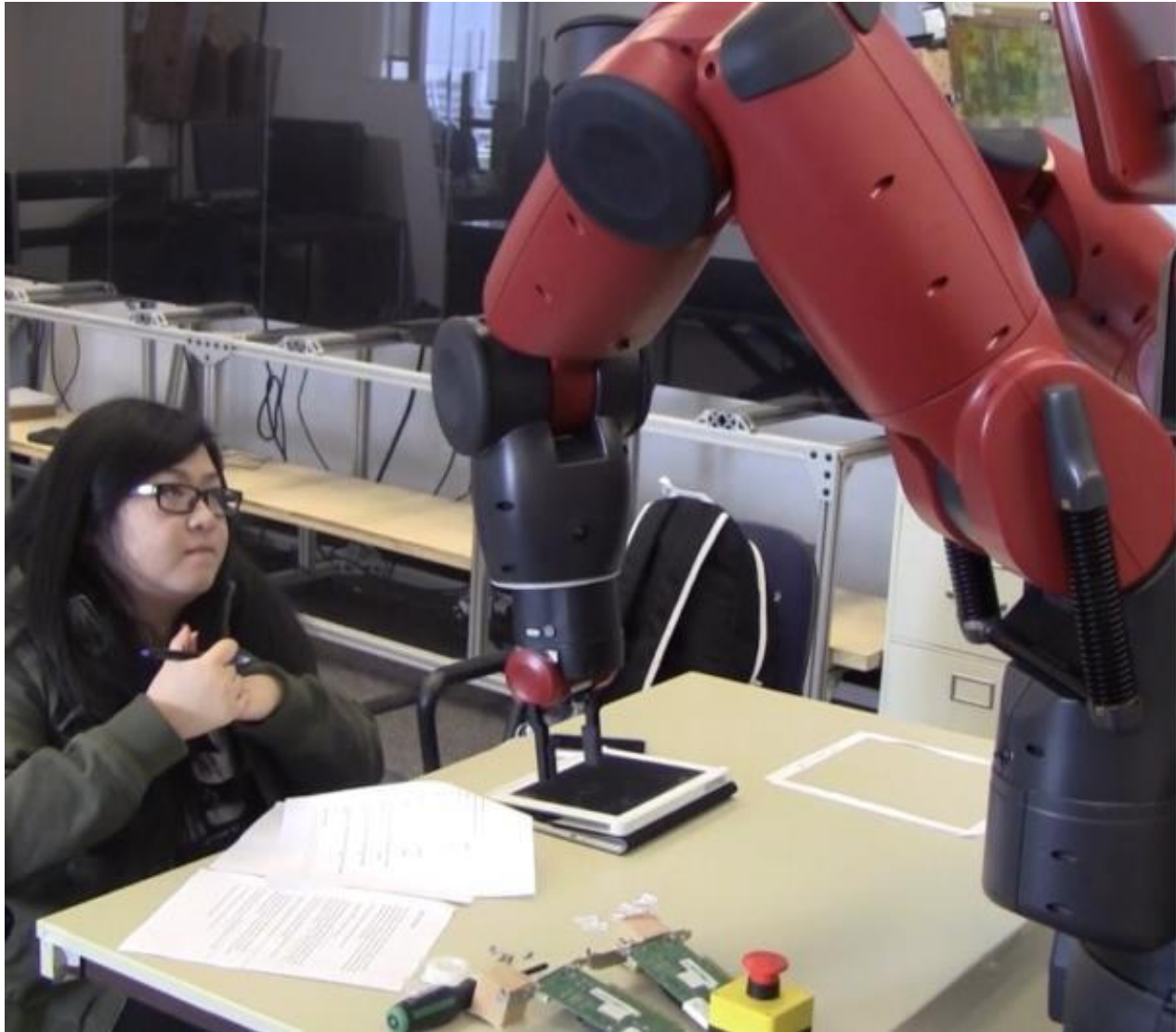
# Challenges







**During inspection, Baxter shows one of 3 faces.**



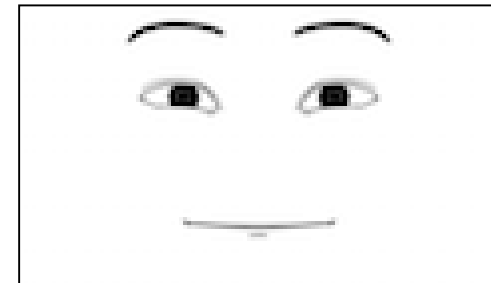


# Findings

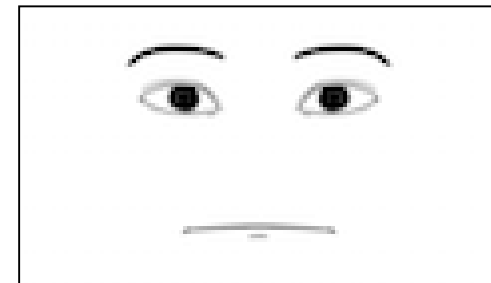
Negative Baxter seen as more Intelligent



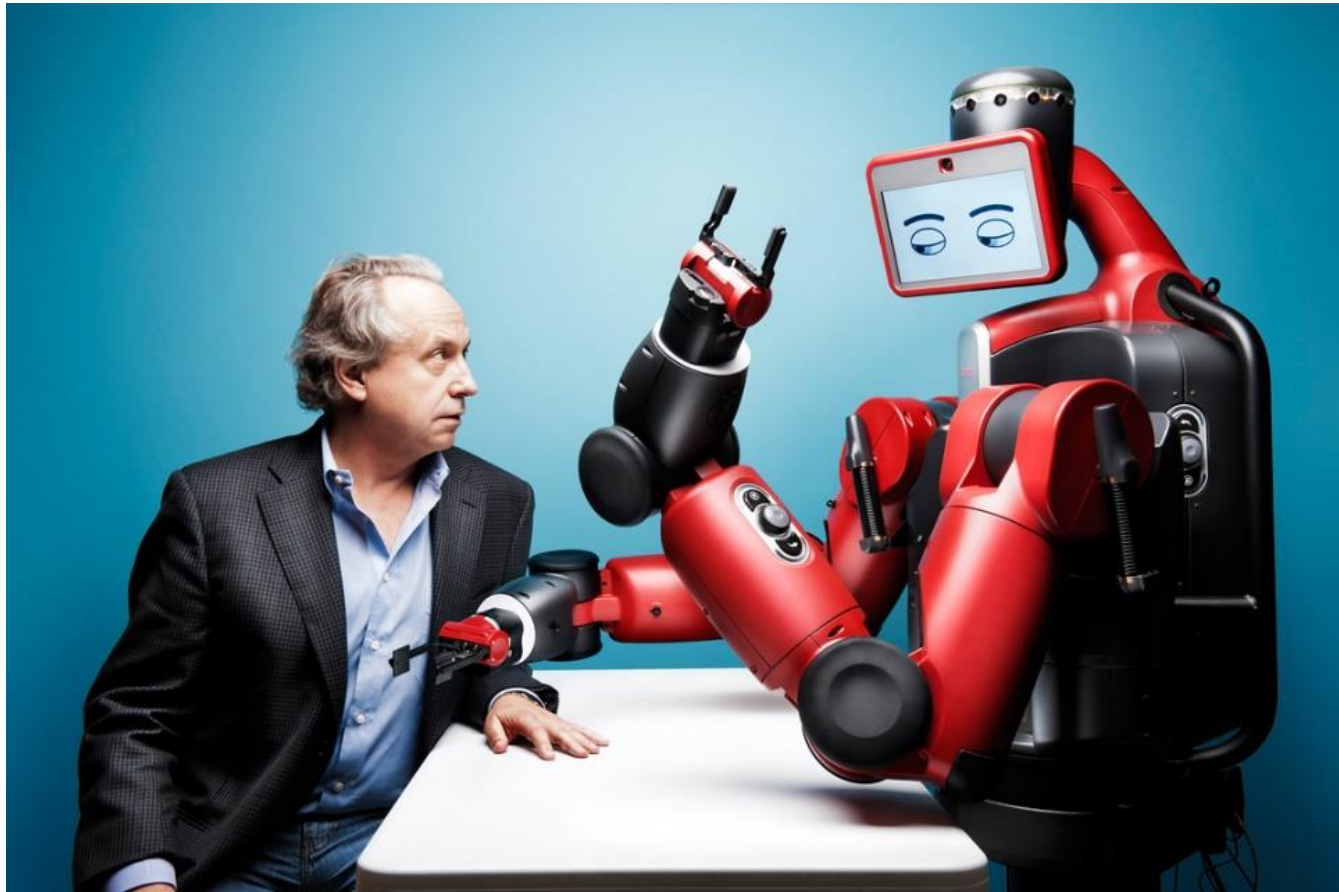
People typically liked positive Baxter



Loss of trust when workers disagreed



what does it mean?

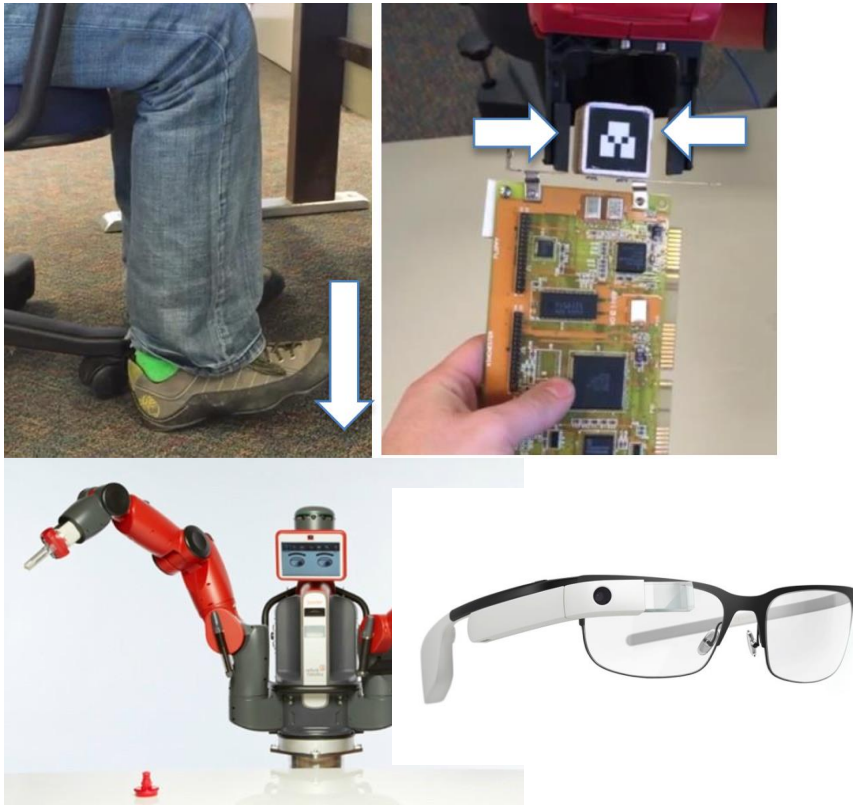


[webbchappell.com](http://webbchappell.com)

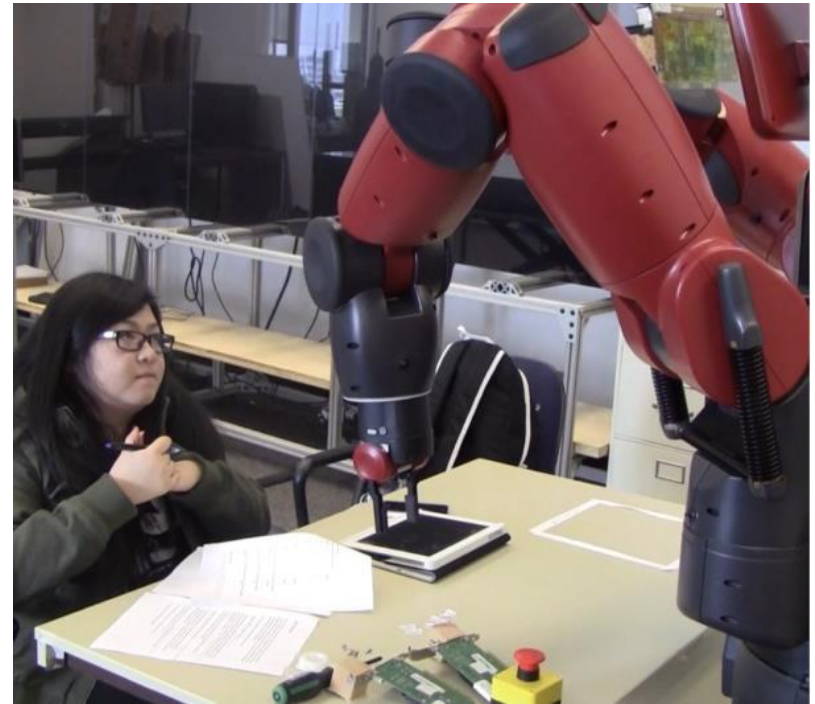
conclusions

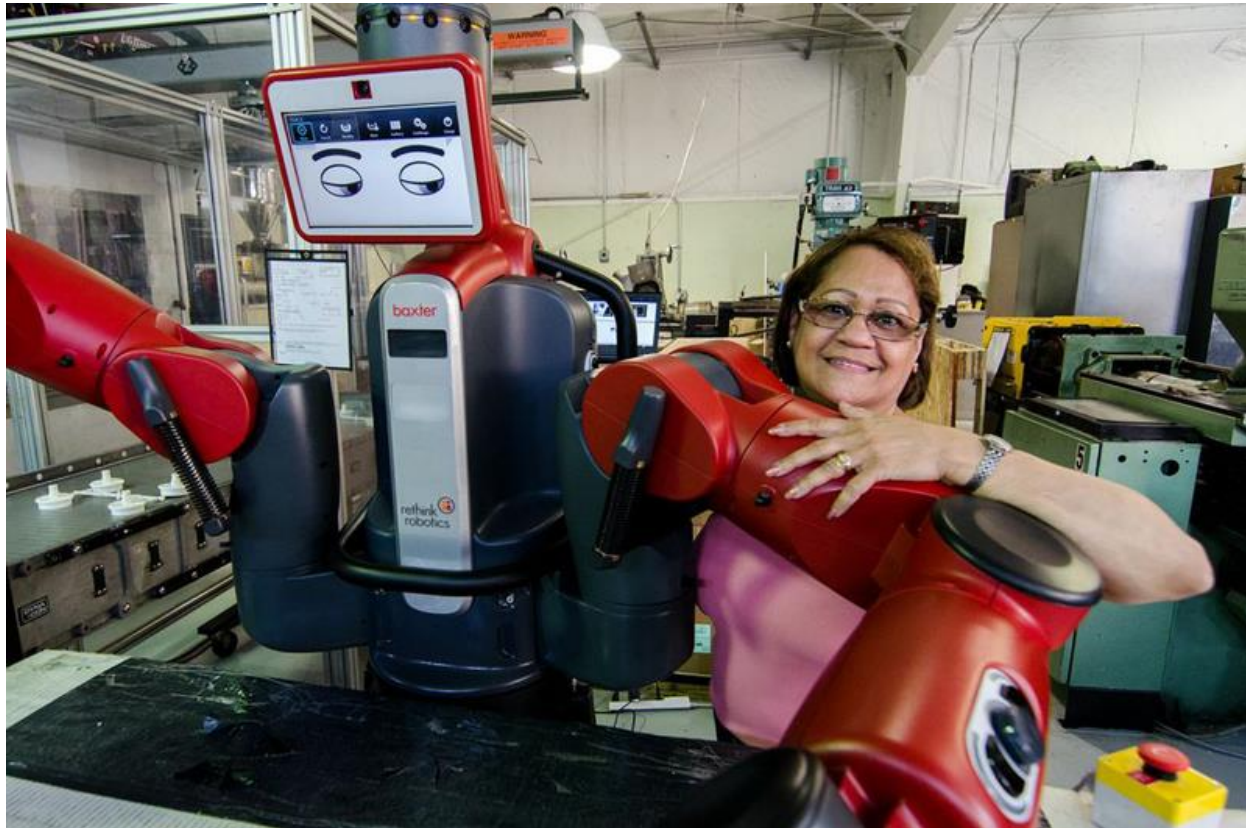
# Humanoid robots: Challenges

## Control issues



## Social Issues





Thank you



**UNIVERSITY OF  
CALGARY**



Dynamic Source Manufacturing

**UNIVERSITY  
OF MANITOBA**



**NSERC  
CRSNG**