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Information ethics for Robotics

*Part of the conversation track
Information Ethics*



UKSTAR
27-28 February 2017
LONDON

Who has a robot? In 10 years all of you will !!



UKSTAR
27-28 February 2017
LONDON

Technology enters our lives... FAST!!



Machine Learning...



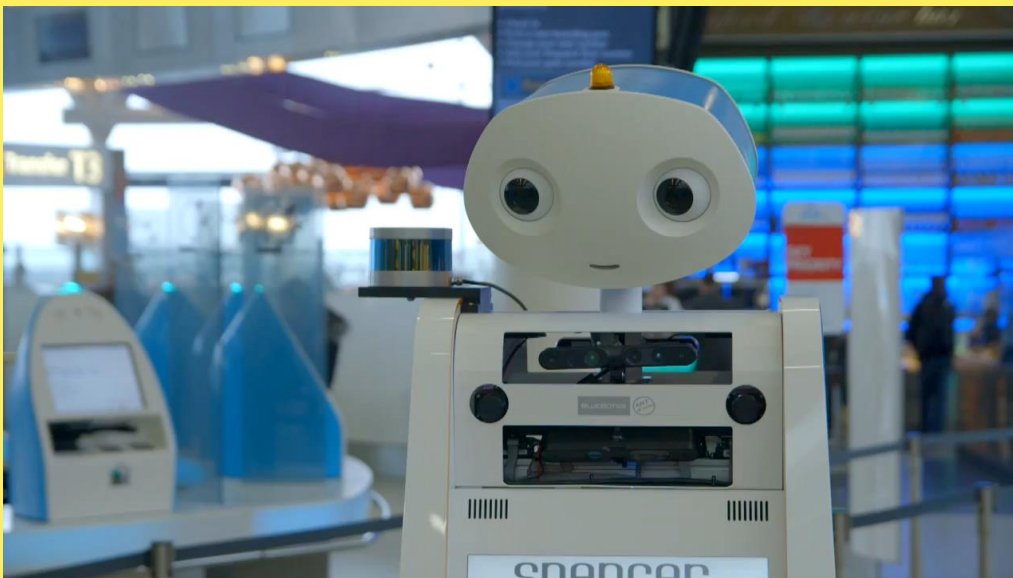
Machine learning applied in chatbots...



What do you think of this behaviour?



Autonomous robots...



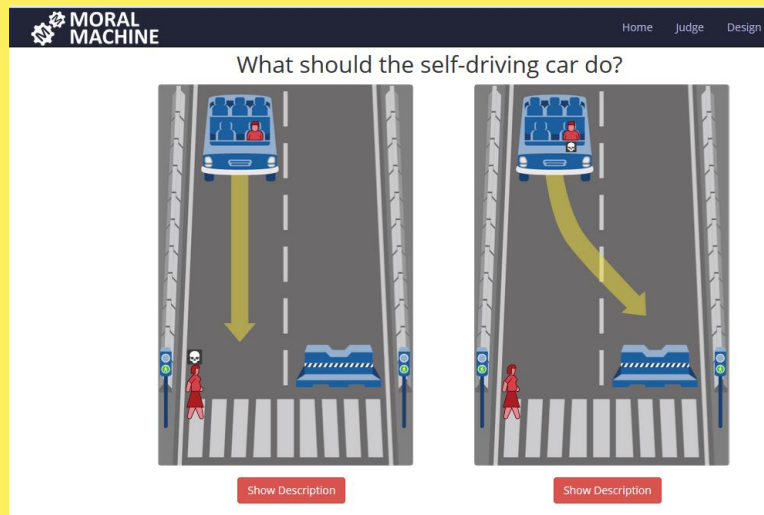
Autonomous vehicles...



The Wepod in Wageningen
On the public road since October 2016
(and tested by Sogeti)




How can the rules for self-driving cars be defined?



Website: moralmachine.mit.edu







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Results


Most Saved Character




Most Killed Character




Saving More Lives




Protecting Passengers



Upholding the Law





Made by Scalable Cooperation at MIT Media Lab

Two-thirds of Americans expect that robots and computers will do much of the work currently done by humans within 50 years ...

% of adults who say that in the next 50 years robots and computers will do much of the work currently done by humans

Will happen		Will not happen	
NET 65%		NET 32%	
Definitely	Probably	Probably not	Definitely not
15%	50%	25%	7%

... but most workers expect that their own job will exist in its current form in five decades


% of workers who say the job/occupation they work in now will/will not exist in 50 years

Will exist		Will not exist	
NET 80%		NET 18%	
Definitely	Probably	Probably not	Definitely not
36	44	12	6

Note: Second chart based on those who are currently employed on a full- or part-time basis
Source: Survey conducted June 10-July 12, 2015.

PEW RESEARCH CENTER

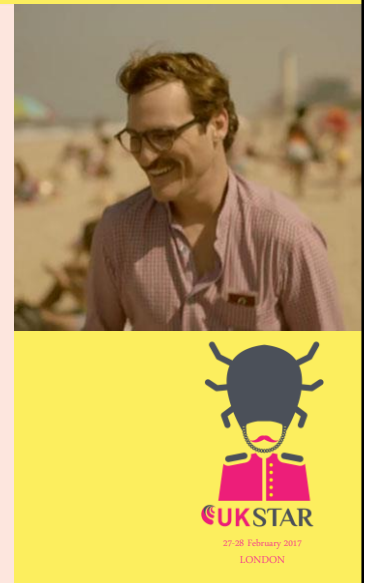
Will robots take over our jobs???



Source: www.pewinternet.org/2016/03/10/public-predictions-for-the-future-of-workforce-automation/

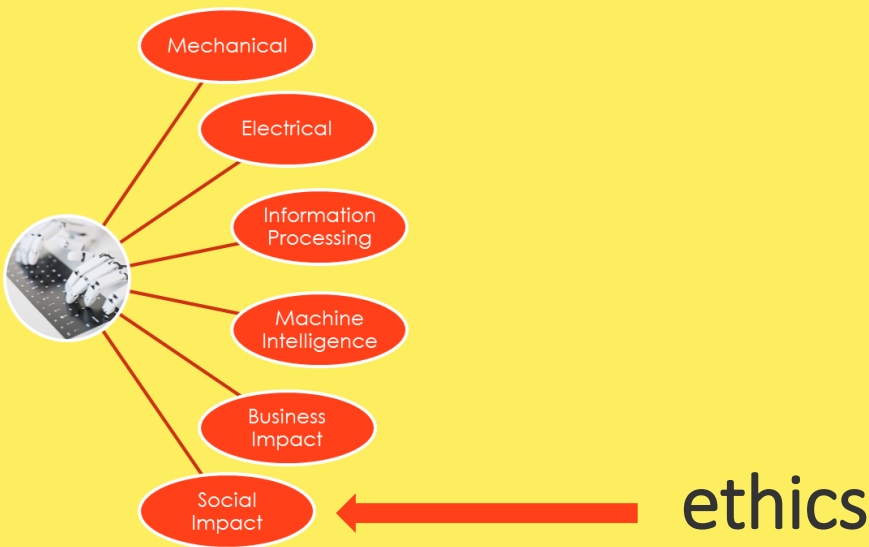


How should an OS respond to love?





Six angles of quality for robotics



Ethics, definition:

**Moral principles
that govern
a person's behaviour
or the conducting of an activity.**



Conversation

