


CS 7633

Human-Robot Interaction

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Autonomous



The Family Dog







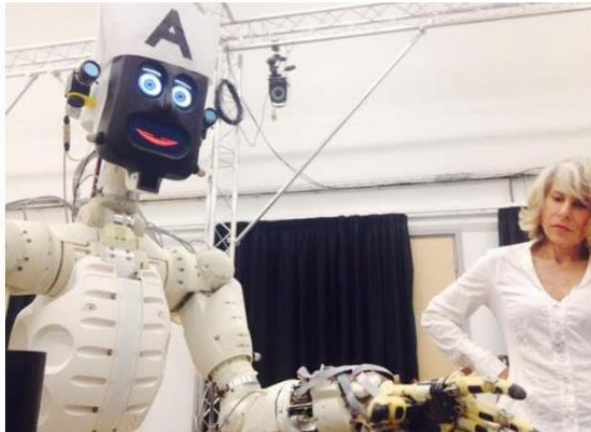
MY LIFE AS A ROBOT





MEL BLANC
1908-1989

People will lie to robots to avoid hurting their feelings, study says



The research shows that emotional robots could work better with humans than efficient ones. CREDIT: UNIVERSITY OF BRISTOL.



Big-I is a smart home robot that will stalk your family

Be careful what you say because the Big-I is watching. Always Watching.

Type your job title into the search box below to find out the likelihood that it could be automated within the next two decades.

About 35% of current jobs in the UK are at high risk of computerisation over the following 20 years, according to a study by researchers at Oxford University and Deloitte.



What is HRI?

What are some important topics worth studying in the field of Human-Robot Interaction?

- Learning and adaptation
- Interfaces
- Control
- Applications
- Physical design / appearance
- Evaluation metrics
- Safety
- Levels of autonomy
- Social Interaction/psychology
- Ethics
- Trust and deception
- Perception of robots by humans
- Machine emotions / understanding human emotions
- Multimodal interactions
- Constraints on robot abilities
- Cultural considerations
- Communication
- Legal implications
- Levels of cognition
- Human-robot teamwork
- Impact on human society