conferenceseries.com

4th World Congress on

Robotics and Artificial Intelligence

October 23-24, 2017   Osaka, Japan

The future risks and dangers of artificial intelligence and a hypothetical discussion of effective IEEE standards and ethics

Dominic J Lentini
Florida Polytechnic University, USA

Artificial intelligence will become increasingly more involved with our everyday life and the impact of this involvement will be determined by standards and ethics that are put in place for AIs and engineers to mitigate the risks associated with AI and enhance future service to society. Artificial intelligence has the potential to develop past the point of practicality and can begin to have a negative effect on society. A hypothetical solution for mitigating risks and dangers of artificial intelligence is to create a plan to limit the ability of AI. Limiting the ability to produce other AI with undesirable traits, limiting the lifespan of AI, limiting the ability of self-awareness, preventing human obsolescence and preventing uncontrollable evolution is what the plan in question intends to achieve. As AI gains the ability to interact and make more impactful decisions, security features, such as AI networks and human supervisors, must be integrated into the life cycle of AI to prevent undesirable actions. The potential for AI to develop a sense of natural selection or self-awareness when training other AI or interfacing with a human's brain, can create a dangerous environment without industry standardized restrictions. As an industry, the development of AI should have its own planned decline for when the use or possible use for further AI development begins to become limited. The expected outcome of applying these standards is a future in which AIs are conceived, expire and create new generations of AI in their place to serve humanity and strengthen AI communities through appropriate standards and secure ethics.

djlentini05@gmail.com

Adv Robot Autom 2017
ISSN: 2168-9695 ARA, an open access journal

Smart Robotics Congress 2017
October 23-24, 2017

Volume 6, Issue 3 (Suppl)

Page 41