"Developing Socio-Culturally Interactive Robots" video lecture offered for open access

Robots Taking Over: A Future Perspective of our Robotic Society

By Qi Global on Jan 21, 2016

Modern robots are equipped with the capacity to perceive and interpret human voice, facial expressions, and even walking patterns. The incredible technologies designed to detect and process this information have revolutionized the future of social robots. Forbes recently published an article on how the revolution in robots, who was coined in the image of a robot, received the award from a professor of robotics.

"Modern robots can recognize the people they have met, remember what they have said before, and even have a sense of humor," says Forbes contributor Federico Guercio in The Rise of Social Robots. The robot was unveiled in 2014 by the name moniker "Peach". He is the first robot in the world that can understand and interact with humans in a natural way, and has been designed to work in close collaboration with people in the future. The idea of having robots that can interact with humans in a truly natural way is not far from reality. The field of robotics is becoming more and more sophisticated every day as new developments in artificial intelligence, synthetic emotions, image processing, and cognitive architecture emerge. As technology continues to develop, the potential for socially aware and interactive robots in the mainstream becomes a reality.

The IQI Global video lecture, "Developing Socio-Culturally Interactive Robots," presents a research-based discussion on the latest generation of robots in a way that is understandable to the human population. Highlighting a variety of topics relating to emerging intelligent technologies, current applications for social robots as well as standardization and ethics issues, this video lectures is designed for educational use by researchers, graduate-level students, ethicists, and anyone interested in learning about next-generation robotic technologies and applications. View the three video lectures here.

Similar robotics research can be found in IQI Global's BioRobots OnDemand database, offering researchers the ability to search through a collection of full-text literature covering all areas of information science and technology with the opportunity to purchase the articles and chapter-level. Start searching now!

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Some of IQI Global's other publications on innovations in robotics technology include the following:

- Robots in Service Robotics: Creating a Social Universe
- Robots in Academic Libraries
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Karin Lapidus, Promotions Coordinator
klapidus@qi-global.com
(717) 333-8845, ext. 132
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