

# YALE-NUS COLLEGE PUBLIC LECTURE

By Professor Moshe Y. Vardi  
Department of Computer Science  
Rice University

**TUESDAY 30 AUG 2016**  
**6.30pm**  
**PERFORMANCE HALL**

*Title of Talk:*

*Humans, Machines, and Work:  
The Future is Now*

Lecture Outline:

Automation, driven by technological progress, has been increasing inexorably for the past several decades. Two schools of economic thinking have for many years been engaged in a debate about the potential effects of automation on jobs: will new technology spawn mass unemployment, as the robots take jobs away from humans? Or will the jobs robots take over create demand for new human jobs?

Professor Vardi will present data that demonstrate that the concerns about automation are valid. In fact, technology has been hurting working Americans for the past 40 years. The discussion about humans, machines and work tends to be a discussion about some undetermined point in the far future. But it is time to face reality. The future is now.



**Moshe Y. Vardi**

Moshe Y. Vardi is the George Distinguished Service Professor in Computational Engineering and Director of the Ken Kennedy Institute for Information Technology at Rice University. He is the recipient of many outstanding awards, fellow of established associations and members of various academies. He is the author and co-author of over 500 papers, as well as two books: Reasoning about Knowledge and Finite Model Theory and Its Applications.

(<http://www.cs.rice.edu/~vardi/short-bio.html>)

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