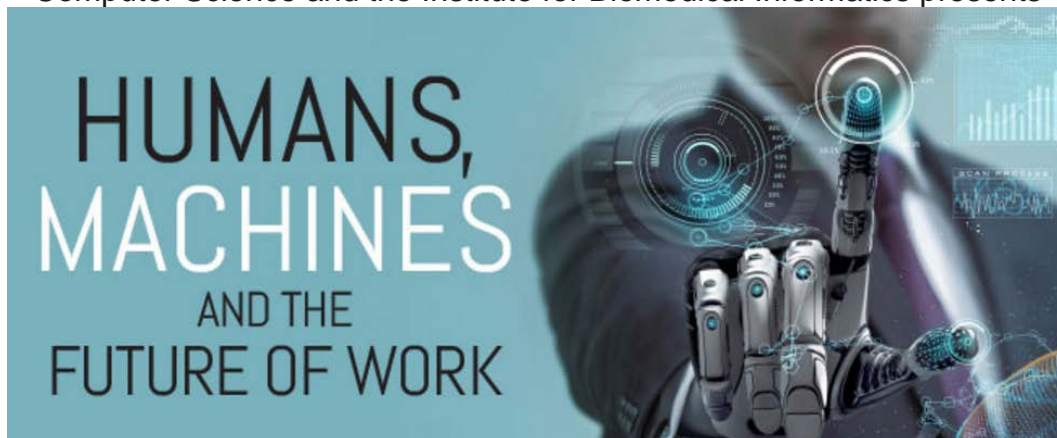


The Center for Computational Sciences, College of Engineering, Department of Computer Science and the Institute for Biomedical Informatics presents



a Distinguished Lecture by

Moshe Y. Vardi, Rice University

Thursday April 13th, 4pm Chem-Phys 153

Reception 5-6pm, Boone Center

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?

I 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 is the Karen Ostrum 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 three IBM Outstanding Innovation Awards, the ACM SIGACT Godel Prize, the ACM Kanellakis Award, the ACM SIGMOD Codd Award, the Blaise Pascal Medal, the IEEE Computer Society Goode Award, the EATCS Distinguished Achievements Award and the Southeastern Universities Research Association's Distinguished Scientist Award. He is the author and co-author of over 500 papers, as well as two books: "Finite Model Theory and Its Applications" and "Reasoning About Knowledge". He is a fellow of the Association of Computing Machinery, the American Association for Artificial Intelligence, the American Association for the Advancement of Science, the

European Association for Theoretical Computer Science, the Institute for Electrical and Electronic Engineers, and the Society for Industrial and Applied Mathematics. He is a member of the National Academy of Engineering and National Academy of Science, the American Academy of Arts and Sciences, the European Academy of Science and the Academy of Europe. He holds honorary doctorates from the Saarland University in Germany, University of Orleans in France and the Federal University of Rio Grande do Sul in Brazil. He is the editor-in-chief of Communications, the journal of the ACM.