

Yale's CRISP MRSEC and Pathways to Science present a

Public Lecture

Saturday, January 25 • 10am – 12pm

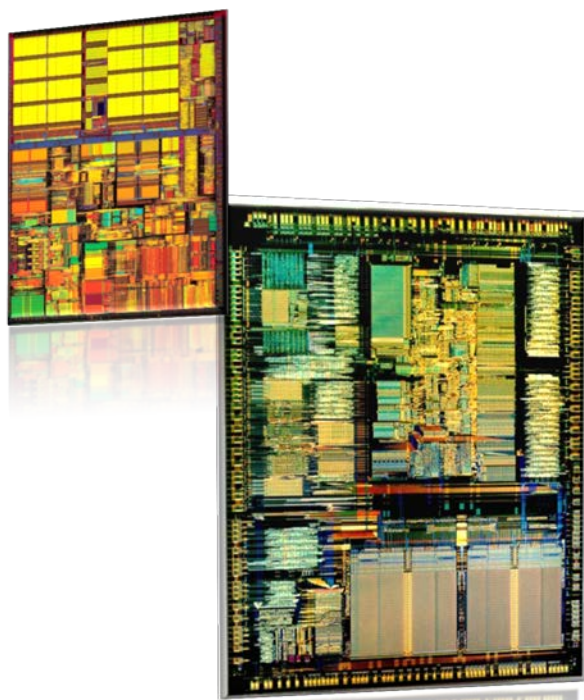
Davies Auditorium • Yale University

What Makes Your iPhone Tick :

From Transistors to Microchips

Professor T.P. Ma • Yale/CRISP

<http://www.eng.yale.edu/ma/index.htm>



The Internet and smart mobile devices are all made possible because of ever more powerful integrated circuit (IC) technology. Since the invention of the Silicon IC over 4 decades ago, information storage and processing capacity of a silicon chip has doubled every 18 months! That means an average person today possesses more computing power than a 1980's supercomputer costing millions of dollars!

Why is the electronics industry growing so fast? What makes your iPhone tick? On January 25th, Prof. T.P. Ma will give an overview of the microchip technology and its applications, with a preview of what's to come in the future. After his lecture, hands-on science demonstrations and lab tours will be available. **Refreshments will be served.**

FREE and OPEN TO THE PUBLIC

Image Credit: Intel products announcement website

It's been said that, had the automobile industry progressed at the same rate as that of the silicon chip in the last few decades, today we should have a car that can go around the world within minutes on a gallon of gas. And it should only cost less than a dollar to make.

