

Video in rete (link validi al 02/02/2016)
- Architetture dei Sistemi di Elaborazione -

Introduzione e Storia:

- False Dawn: The Babbage Engine
<http://www.computerhistory.org/revolution/calculators/1/51/2205>
- Colossus: Breaking the Code
<http://www.computerhistory.org/revolution/birth-of-the-computer/4/82/2218>
- THE ENIAC: Electronic Numerical Integrator And Computer
<http://www.youtube.com/watch?v=goi6NAHMKog>
- Story of SpaceWar!
<http://www.computerhistory.org/revolution/computer-games/16/189/2213>

Presente e Futuro

- Ray Kurzweil (evoluzione ibrida della neocorteccia)
https://www.ted.com/talks/ray_kurzweil_get_ready_for_hybrid_thinking?language=it#t-241440
- Jeremy Howard (machine learning: stato attuale e prospettive)
https://www.ted.com/talks/jeremy_howard_the_wonderful_and_terrifying_implications_of_computers_that_can_learn
- Fei Fei Li (visione artificiale)
https://www.ted.com/talks/fei_fei_li_how_we_re_teaching_computers_to_understand_pictures
- Nick Bostrom (singolarità tecnologica e rischi per l'uomo)
https://www.ted.com/talks/nick_bostrom_what_happens_when_our_computers_get_smarter_than_we_are
- Kevin Warwick (Human Cyborg)
<http://www.youtube.com/watch?v=Fhu0VBCAW6k&playnext=1&list=PLB5B3827E237787B9>
- The Most Awesome Robots (until 2014)
<http://www.youtube.com/watch?v=S5AnWzjHtWA>
- Darpa Robotic Challenge
<https://www.youtube.com/watch?v=8P9geWwi9e0>
(vedi: The Hard Lesson of Darpa's Robotic Challenge, IEEE Spectrum, Agosto 2015).

Architettura Calcolatore e Periferiche:

- Seagate Manufacturing Process
http://www.youtube.com/watch?v=Kcb6a_LJaJQ
- LCD Technology: How You're Seeing this Video
<https://www.youtube.com/watch?v=0B79dGR19Tg>

Logica Digitale

- The Making of a chip

<http://www.youtube.com/watch?v=yoeJQBZqqRo>

- YouTube - vlsi chip manufacturing .flv
<http://www.youtube.com/watch?v=hO455B9d7zY>
- Experiments 2.2: Logic Gates - Integrated Circuits Part 1
<http://www.youtube.com/watch?v=cdMJvFT-Afc>
- SMT Video
<http://www.youtube.com/watch?v=MdrTNdZpiCl>
- Assemblare un computer dai componenti (fascia media 2012)
<http://www.youtube.com/watch?v=2PvWJGr6GBs>

Architetture parallele

- Top 10 Fastest Supercomputer In The World (2015):
<https://www.youtube.com/watch?v=VVo4-ZnS8-k>
- Explore a Google data center with Street View
<http://www.youtube.com/watch?v=avP5d16wEp0>