- Why semiconductors?
 - This industry is people manipulating individual atoms to make the most produced thing humans have ever made
 - The internet and the cloud isn't just out there in the air
 - It's actually really physical
 - It's a bunch of crazy patterns carved onto silicon by shooting light and using chemicals that now live in data centers
 - Increased memory on iPhone is done by carving patterns onto silicon
- Visuals
 - RelativeSizeofParticles-Infographic-1920px v8.jpg (1920×1080) (visualcapitalist.com)
 - Zika virus is about 50 nanometers, the size of features that are possible in bleeding edge 5nm processes
- Videos
 - Dive & zoom into a chip
 - Zoom into a Microchip (Narrated) on Vimeo
 - Zoom Into a Microchip
 - o Intel 2009 whole process from sand to ingots to chips
 - From Sand to Silicon: the Making of a Chip | Intel YouTube
 - GF silicon to chip process
 - Sand to Silicon v2
 - Creating the interconnects/wires
 - GLOBALFOUNDRIES Sand to Silicon
 - Intel 2020 different processes, evolution of innovations
 - From Sand to Silicon: The Making of a Microchip | Intel YouTube
 - Making the ingots
 - From sand to silicon YouTube
 - Applied Materials 2020 the scale of the work in nanosphere
 - Applied Materials We Work Here YouTube
 - o PBS Intro to Semiconductors and their properties
 - What is a Semiconductor? | MIT's Science Out Loud | PBS LearningMedia