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# So Long, Machoflops

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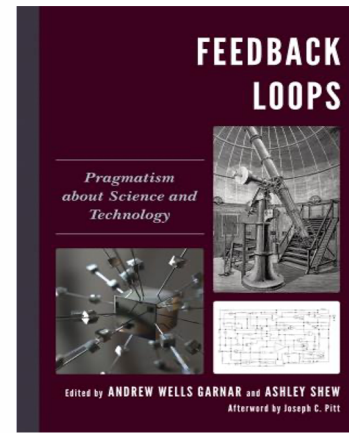
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- Disclaimer: I'm a social scientist; not an HPC designer, architect, mathematician, or engineer
- I want to kick off a long term discussion and encourage people to challenge assumptions about where we are in big compute
- My chapter in forthcoming book, November 2020 ->>>
- We're already in a Kuhnian Paradigm Shift in Big Compute
- HPC may be in an innovator's dilemma situation
- Advanced computing is being redefined by commercial drivers, consumer demand, economics, and globalization
- Advanced computing in various forms provides an invisible but critical technological backbone for modern society
- True value of Top500 list has long been in question – does it matter anymore?
- Odds are that in another 40 years we won't recognize HPC as we do now



# Thank you

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