



What should we be afraid of?

\*We need friendly AI !\*

Not advanced AI

Can we control AI?

**Dismissing hyper intelligent machines as mere science fiction "would be a mistake, and potentially our worst mistake ever." - Stephen Hawking**

"One can imagine such technology outsmarting financial markets, out-inventing human researchers, out-manipulating human leaders, and developing weapons we cannot even understand. Whereas the short-term impact depends on who control it, the long-term impact depends on whether it can be controlled at all." - Stephen Hawking, Stuart Russell, Max Tegmark, Frank Wilczek in "The Independent" 1 May 2014

AI - Are humans reaching the point where intelligence escapes the constraints of biology?

EXISTENTIAL RISK

"Catastrophic risks to our own species that are 'our fault' in the sense that they arise from human technologies." - Huw Price, Bertrand Russell Prof of Philosophy, Cambridge

"A hypothetical moment when AI will have progressed to the point of greater than human intelligence"- Vernor Vinge 1993

"Singularity"

Vinge - 2030

Kurzweil - 2045

New Weapons WMD

Nanotechnology

Synthetic Bio

The Dark Side