

Meta-Research and Meta-Robotics

Presented at ReaRW 2014 summer school in Prague, July 29-31, 2014
<http://summerschool2014.ciirc.cvut.cz/>



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(ex-European Commission,
DG INFSO/CNECT)

Avant-propos

Introduction

Why research funding and for what?

Why robotics?

Meta-research on robotics -
drafting a robotics research agenda

Do we need to know how the mind
works (to build the ultimate robot) - can
we know it?

Meta-robotics – ethics

Meta-robotics – economics

Be aware of the bigger picture



Karel Čapek (1890-1938)

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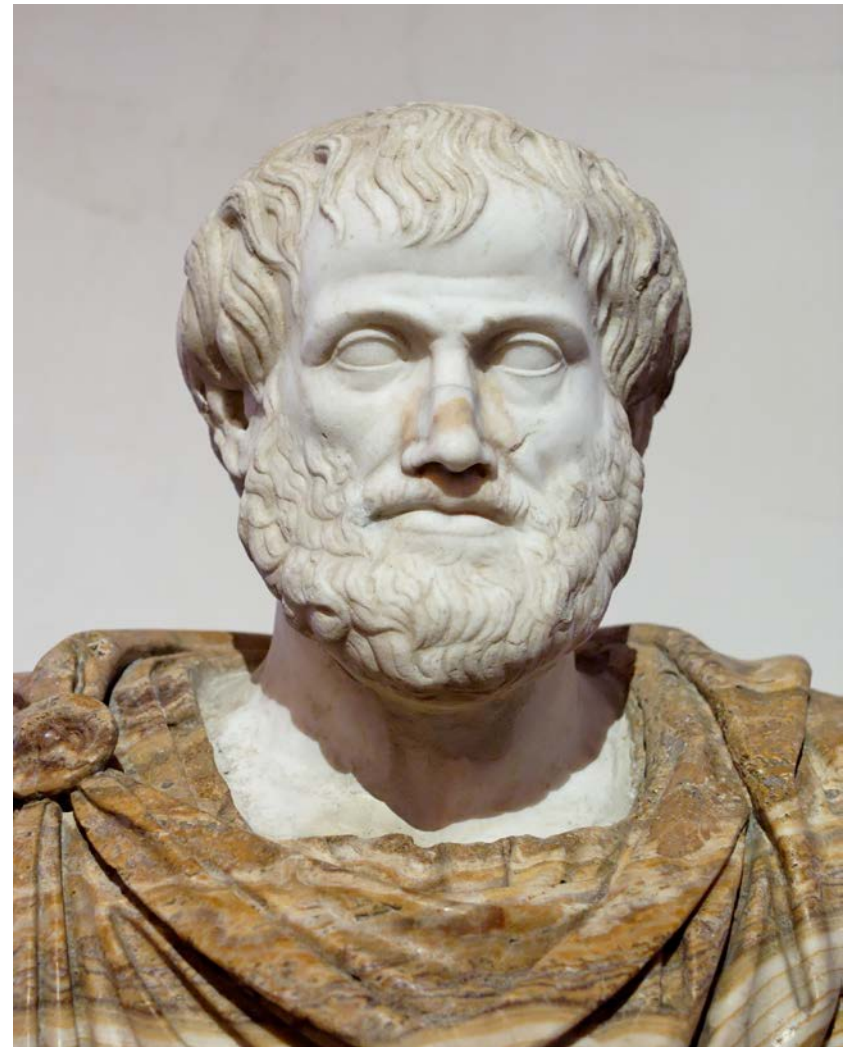
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Aristotle ((-384) - (-322))
Author of Metaphysics

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Adam&Eve (~4000 BC)



Francis Bacon (1561-1626)



Adam Smith (1723-1790)



Vannevar Bush (1890-1974)



Neelie Kroes (1941-)



Bertolt Brecht
(1898-1956)



Galileo Galilei (1564-1642)

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Giambattista Vico (1668-1744)

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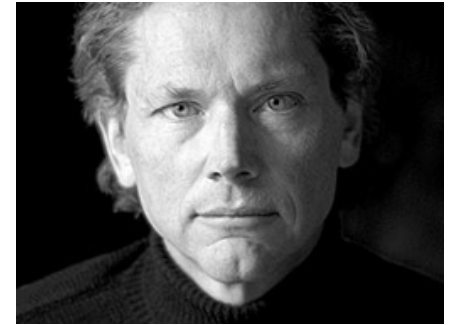
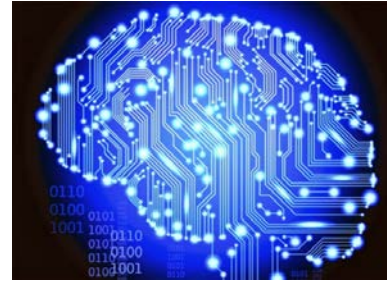
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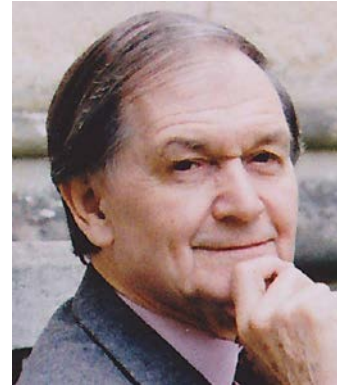
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Bill Joy (1954-)



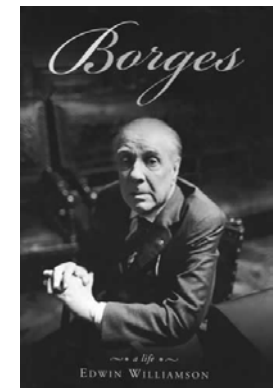
Roger Penrose (1931-)



Hava Siegelmann(??-)



Anil Seth (1972-)



Jorge Luis Borges
(1899-1986)

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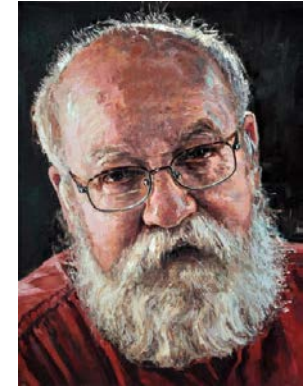
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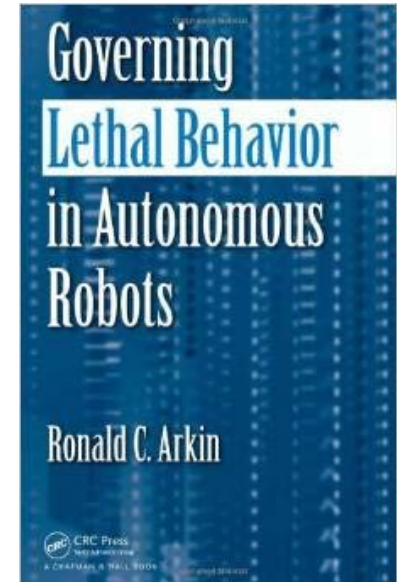
Neelie Kroes (1941-)



Daniel Dennett (1942-)



Joanna Bryson (??-)



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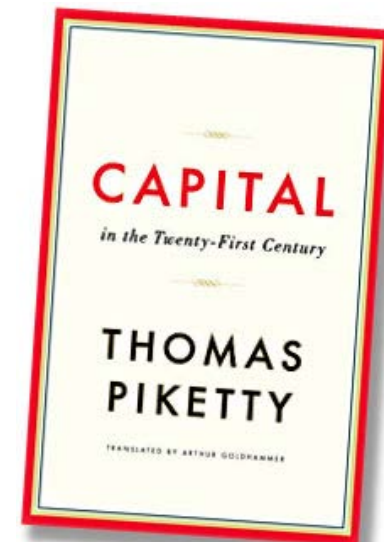
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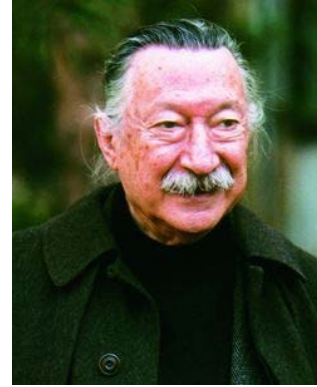
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Joseph Weizenbaum (1923-2008)



Noam Chomsky (1928-)



Nikola Tesla (1856-1943)

Thanks for listening

(Transcript: http://www.cikon.de/Text_EN/PragTalk.pdf)