(1948 - 1966 irrational exuberance)

1950 Alan Turing "Computing Machinery and Intelligence" Mind article

1955 Arthur Samuel (IBM) checkers

1956 Logic Theorist

1956 Dartmouth Workshop
    John McCarthy (Dartmouth)
    http://raysolomonoff.com/dartmouth/boxa/dart564props.pdf

1957 Newll and Simon (Carnegie Tech), General Problem Solver
greedy regression

(1967-1977 AI winter #1: DARPA cuts of funding, speech recognition and autonomous tank flop
    Mansfield amendment and Lighthill report)

1969 Shakey (SRI)

1969 Perceptrons book

1969 Dendral (Stanford)

1972 Terry Winograd (MIT), Shurdlu

1976 Mycin

1978 XCON, 1982 R1 (DEC) ($40M by 1986)

1985 Bayesian networks

1986 PDP books: ANNs with backprop

(1989 - 2011 AI winter #2: expert systems hard to maintain, failure of Japan's 5th gen project)

1990 Rod Brooks "Elephants Don't Play Chess"

1992 TD-gammon

1997 Deep Blue defeats Kasparov
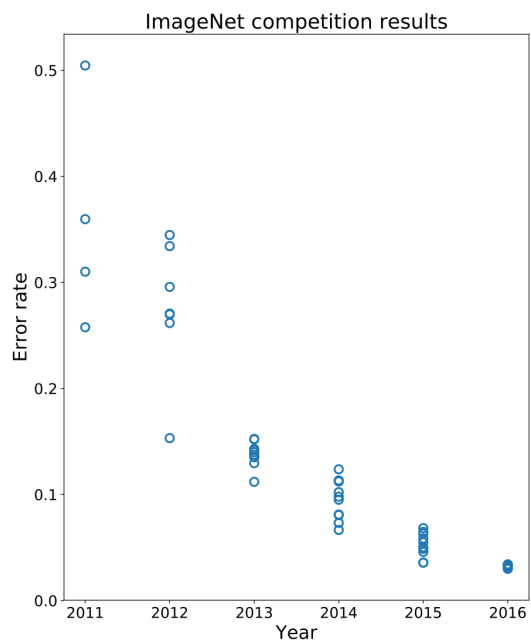
2002 Remote Agent (NASA)

2005 DARPA Grand Challenge
2007 Urban Challenge

2007 solution of checkers

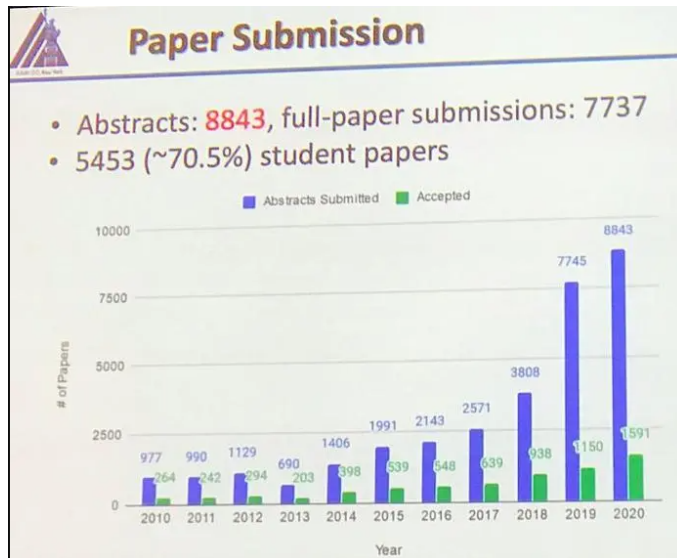2009 ImageNet

2011 Watson Jeopardy

2012 deep learning dominates ImageNet challenge
        learns "hierarchical" representations

2016 $19B US spectrum auction

2016 AlphaGo, AlphaZero
        "China's Sputnik moment" - Henry Kautz

Paper Submission

- Abstracts: **8843**, full-paper submissions: 7737
- 5453 (~70.5%) student papers

2019 Halicin identified

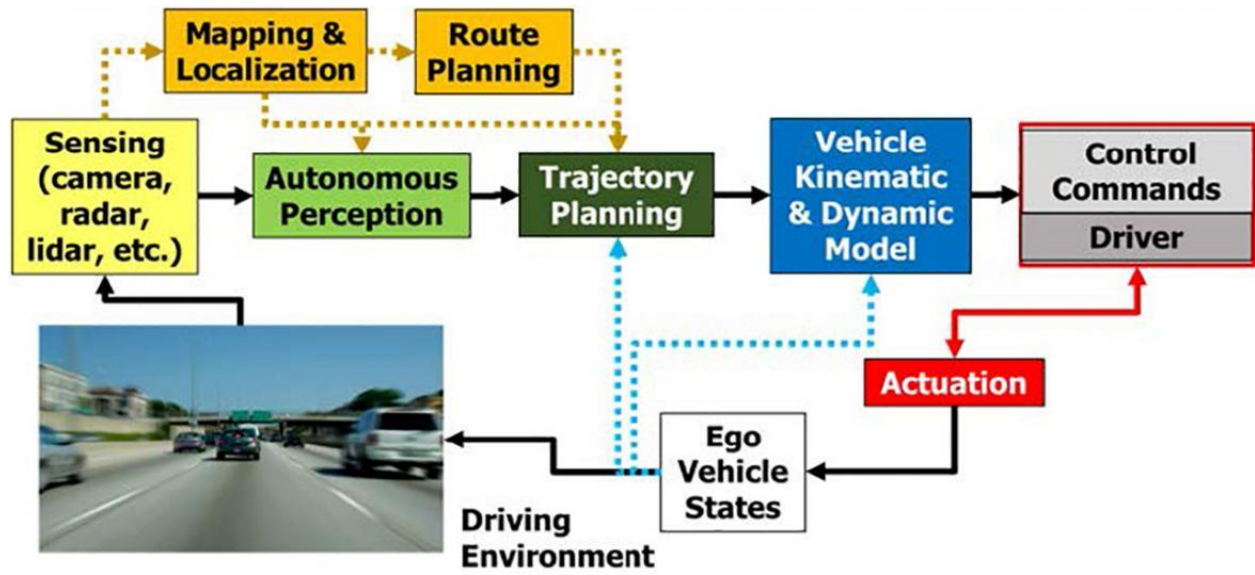2019 Pluribus defeats Poker pros

Dota2, StarCraft

2021 AlphaFold

– the future
self-driving trucks
mass intention recognition, cheap totalitarianism
personalized medicine

https://deepdrive.berkeley.edu/project/testing-and-verification-safe-network-%C2%ADbased-driving-algorithms:

EOF