



La Région
Auvergne-Rhône-Alpes

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IA, Tout Comprendre

Chapitre 2 – Histoire de
l'intelligence artificielle

par ici



1956 - Dartmouth College Conference



1956 Dartmouth Conference: The Founding Fathers of AI



John McCarthy



Marvin Minsky



Claude Shannon



Ray Solomonoff



Alan Newell



Herbert Simon



Arthur Samuel



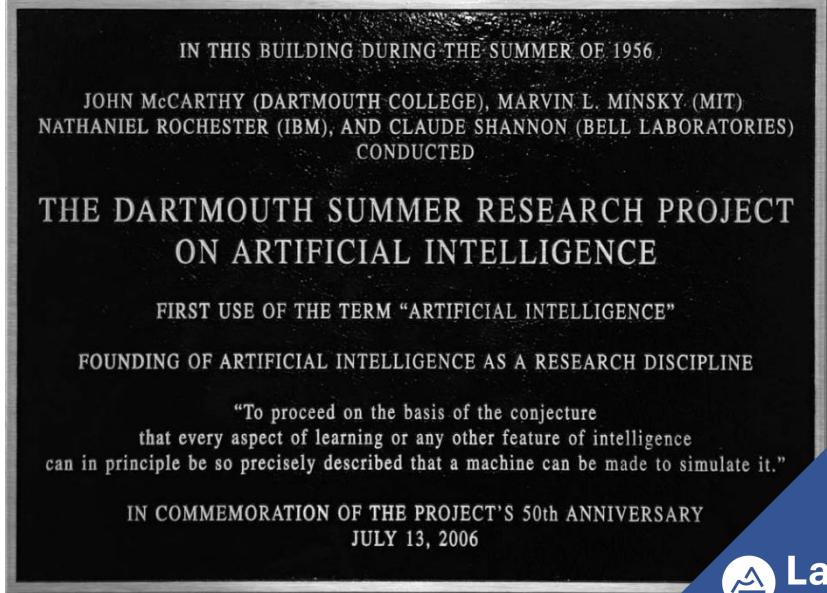
Oliver Selfridge



Nathaniel Rochester



Trenchard More



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1950 - Alan Turing



M I N D
A QUARTERLY REVIEW
OF
PSYCHOLOGY AND PHILOSOPHY

I.—COMPUTING MACHINERY AND
INTELLIGENCE

BY A. M. TURING

1. *The Imitation Game.*

I PROPOSE to consider the question, 'Can machines think ?' This should begin with definitions of the meaning of the terms 'machine' and 'think'. The definitions might be framed so as to reflect so far as possible the normal use of the words, but this attitude is dangerous. If the meaning of the words 'machine' and 'think' are to be found by examining how they are commonly used it is difficult to escape the conclusion that the meaning and the answer to the question, 'Can machines think ?' is to be sought in a statistical survey such as a Gallup poll. But this is absurd. Instead of attempting such a definition I shall replace the question by another, which is closely related to it and is expressed in relatively unambiguous words.

TURING TEST EXTRA CREDIT:
CONVINCE THE EXAMINER
THAT HE'S A COMPUTER.

YOU KNOW, YOU MAKE
SOME REALLY GOOD POINTS.

I'M ... NOT EVEN SURE
WHO I AM ANYMORE.



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Références :

https://en.wikipedia.org/wiki/Computing_Machinery_and_Intelligence

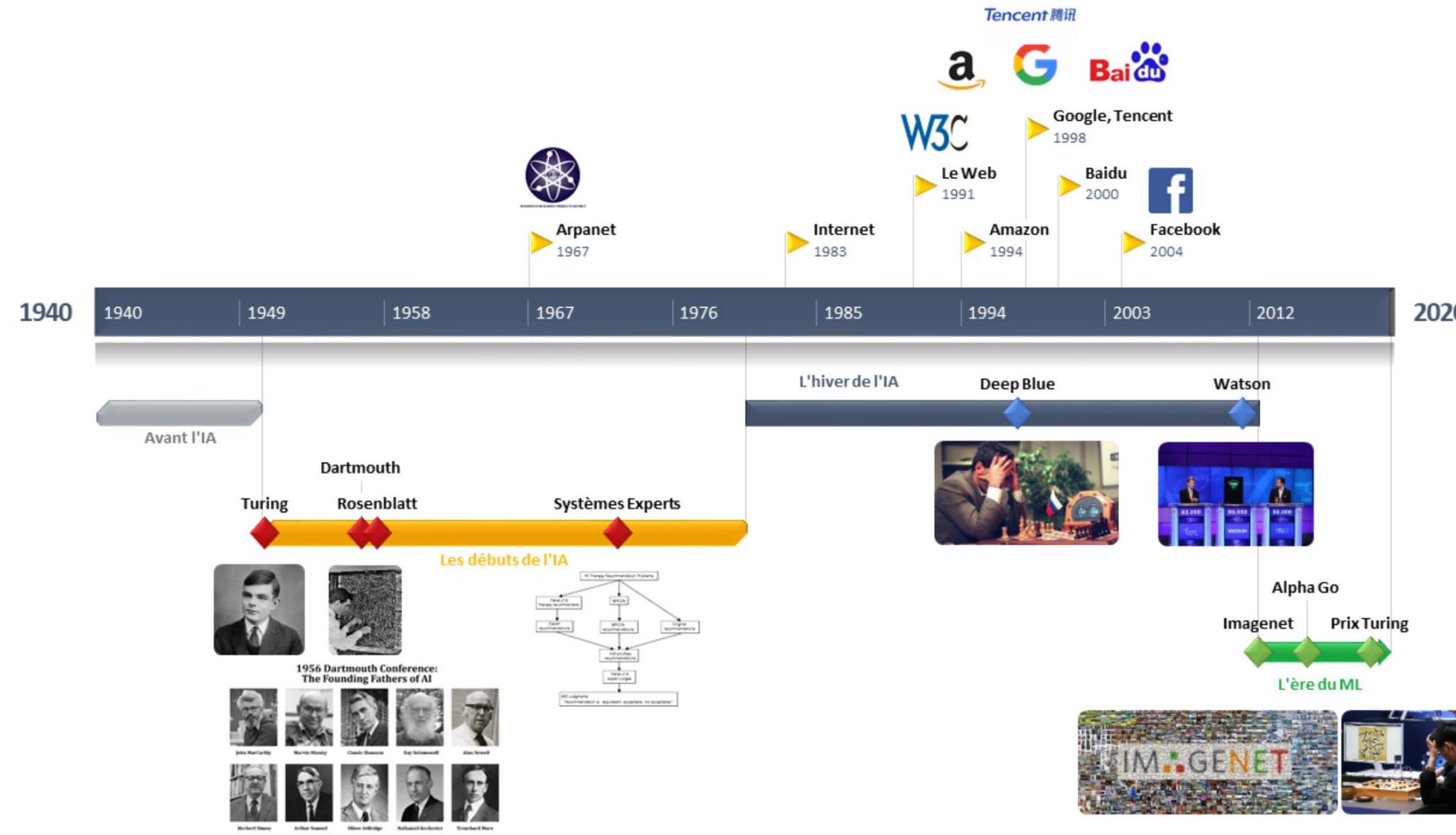
<https://academic.oup.com/mind/article/LIX/236/433/986238>

Histoire de l'IA... pas si jeune que cela



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Accélération depuis 2012



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Succès auprès du grand public



Deep Blue - IBM - 1996



Watson - IBM - 2011



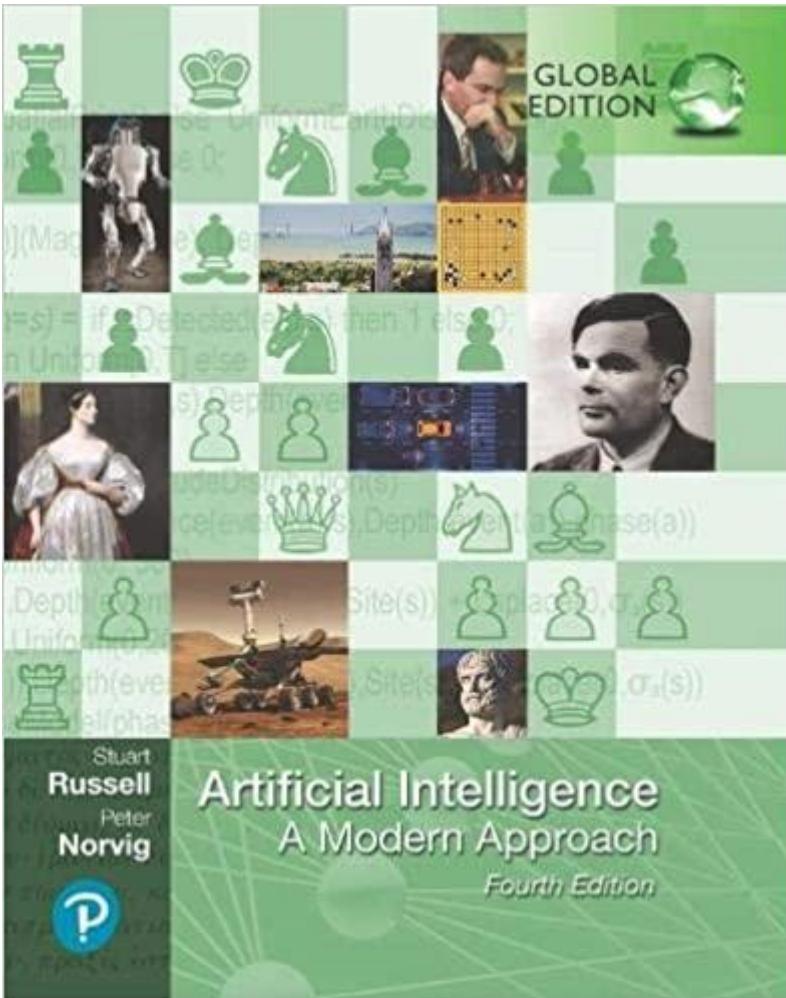
Imagenet - 2012



Alpha Go - Deepmind - 2015

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L'IA aujourd'hui ?



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Références :

- Russell, S. J., & Norvig, P. (2021). Artificial intelligence: A modern approach
Marquis, Pierre & Papini, Odile & Prade, Henri. (2020). A Guided Tour of Artificial Intelligence Research 10.1007/978-3-030-06164-7.

En savoir plus ?

<https://campusnumerique.auvergnerhonealpes.fr/>

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Merci et à très vite pour la
suite de nos vidéos !

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