

The history of supercomputing

Events around the world

Events at Eni

1948

Manchester Baby, the first computer in history with RAM memory



1980

Agip Computing Centre for Geophysical Data Processing is established



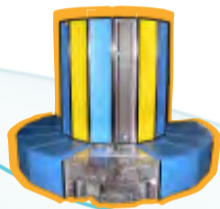
1950

Transition from analogue to digital computing machines



1985

Cray-2, first system with 3D-stacked boards



1996

1996 - Cray Y-MP 4 E reaches a computing power of 0.6 GFlops



2002

Earth Simulator simulates the atmosphere and oceans with 10 km accuracy



2005-2022

Blue Brain Project, simulation of the human brain



2003-2020

A global network of supercomputers sequences the human genome



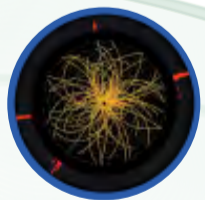
1997

IBM Deep Blue beats chess champion Garry Kasparov



2012

WLCG, discovery of the Higgs boson



2014

HPC2 Eni - Peak computing power: 4.6 PFlops



2017

HPC3 Eni - Peak computing power: 3.8 PFlops (7.5 X HPCC1)



2020

HPC5 Eni - Peak computing power: 52 PFlops



2022

ChatGPT becomes available to the general public



2013

HPCC1 Eni - Peak computing power: 0.5 PFlops



2016

AlphaGo beats Go champion Lee Sedol

2018

HPC4 Eni - Peak computing power: 18.6 PFlops

2021

Google DeepMind releases the AlphaFold Protein Structure Database

2024

HPC6 Eni - Peak computing power: > 600 PFlops