

- *Homo sapiens* – Man the wise – Our intelligence
- Understand “how we think”
- A mere handful of matter can *perceive, understand, predict and manipulate* a world far larger and more complicated than itself!
- Artificial Intelligence (AI) – It attempts not just to understand but also *to build intelligent entities*.
- Work started soon after World war II, coined the name in 1956.
- Molecular Biology & AI – “field I would most like to be in”
- AI – huge variety of subfields – ranging from general (learning and perception) to the specific like playing chess, proving mathematical theorems, writing poetry, driving a car in a crowded street, and diagnosing diseases.