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КАФЕДРА ТЕЛЕМАТИКА

Семинар по специальности на английском языке

тема

**The Internet - еха mind (экза
разум) Beyond humane brain**

Workshop

Лекция 13

2 December
2020 г.

When Humans Transend Biology ?

the essence of changing is **exponential growth** **connectivity** which means high speed information and knowledge exchanges between people, organizations, and machines.

We live at a **crucial** point in humane history – an incredibly exciting and frightening point.

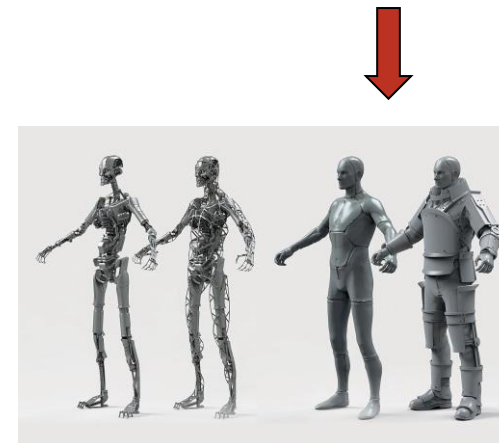
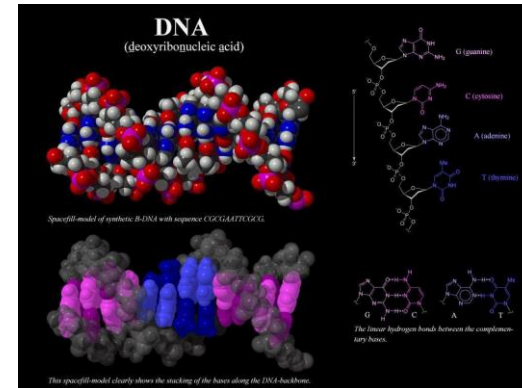
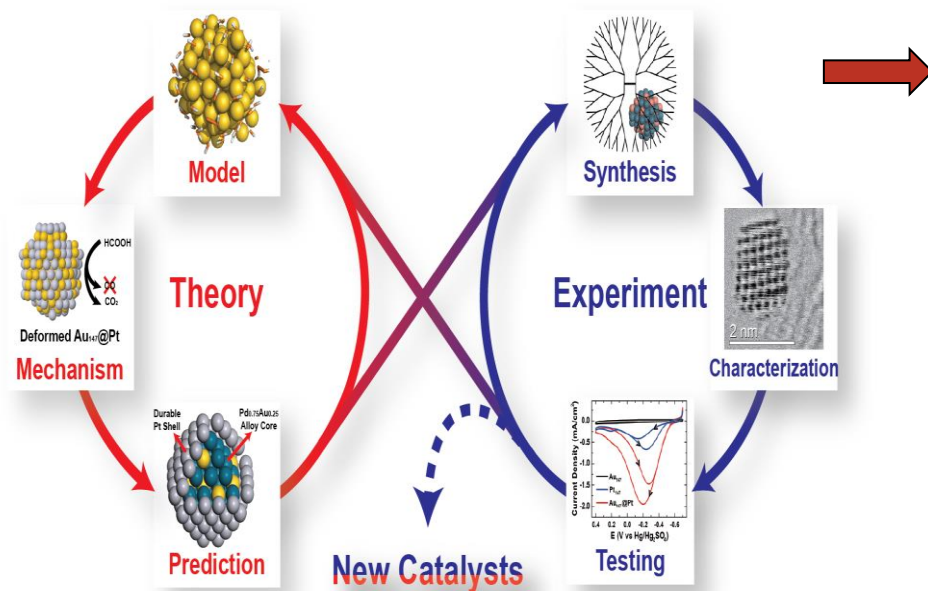
A number of really big technologies are brewing:

- Virtual reality
- Biotechnology
- Nanotechnology
- Artificial intelligence

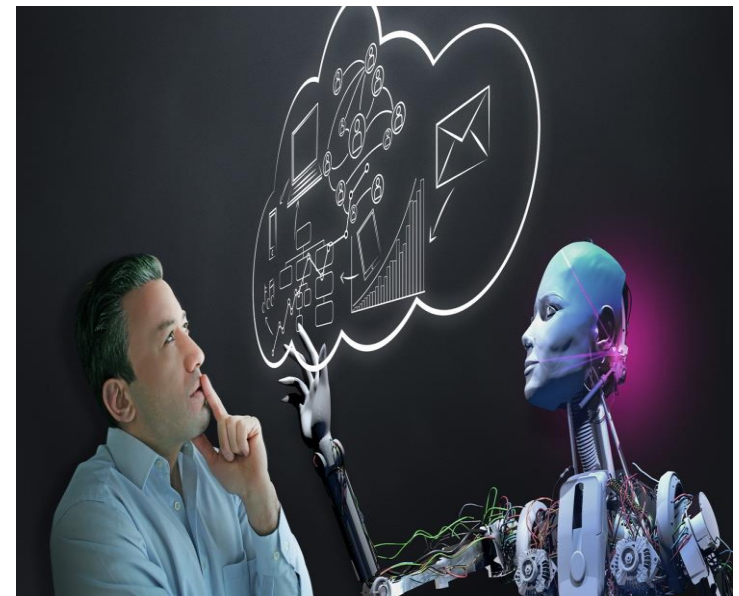
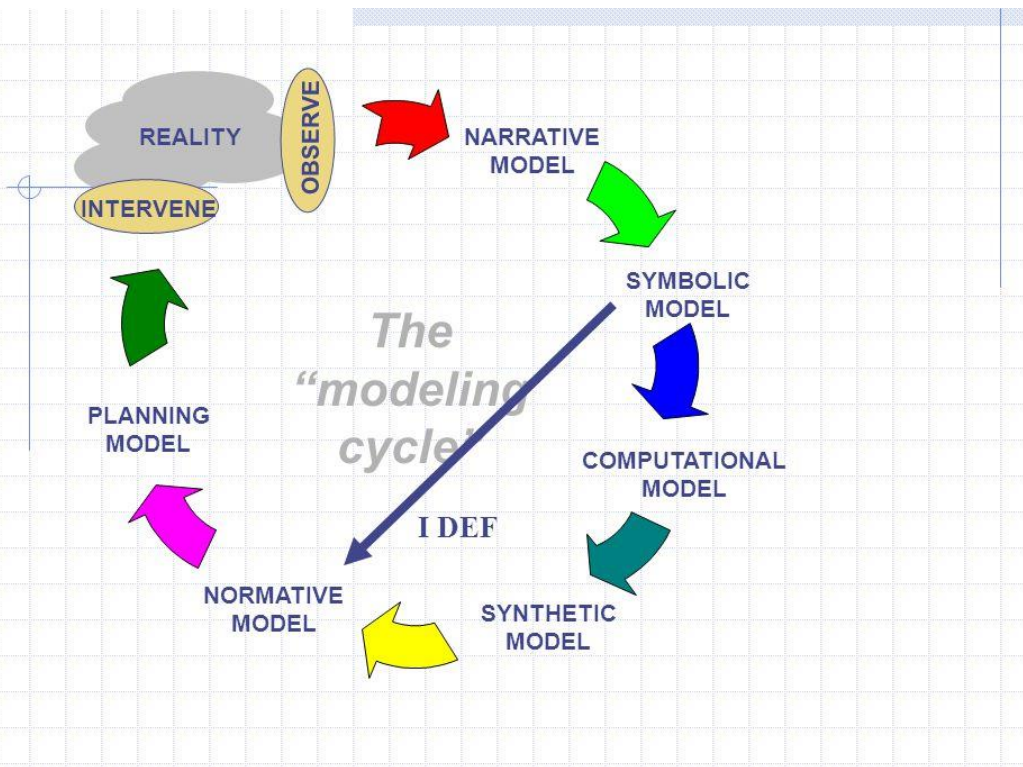
which lets us create **synthetic** worlds equal in **richness** to the physical world, thus making the Platonic' maxim "reality is illusion" a **palpable** technical fact.



Biotechnology, allowing us to **modify** our bodies in various ways, **customizing our genes** and **jacking** our brains, organs and sense organs **into computers** and other electronic devices.



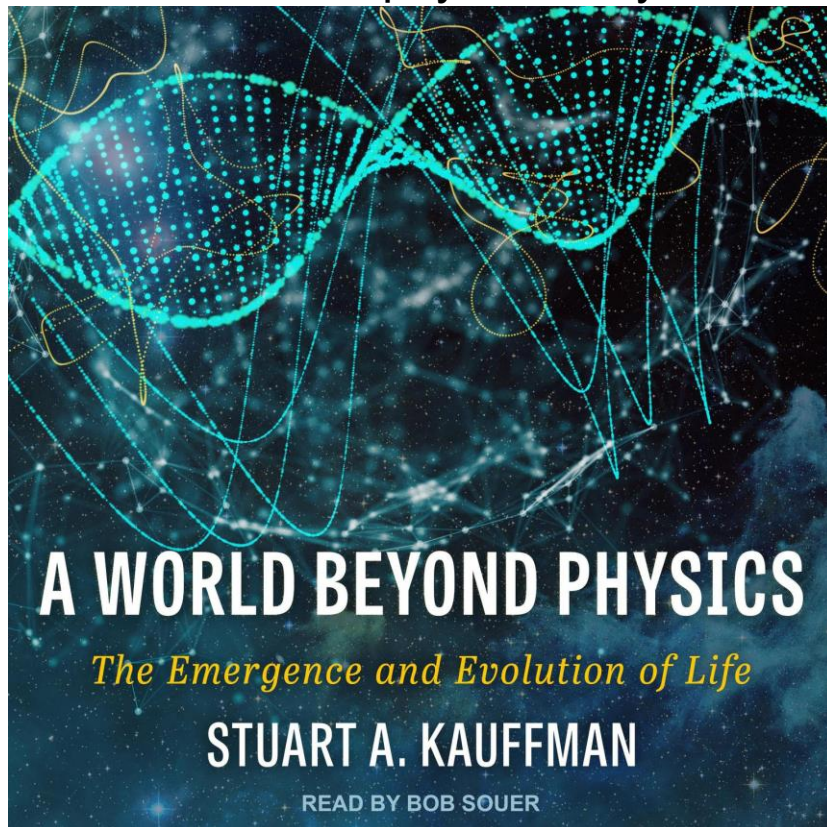
enabling mind, intelligence and reason to emerge out of computer systems – thinking machines built by humans. AI can clarify the physical foundation of life and mind, and giving the technologists new tricks no one has even speculated about yet.



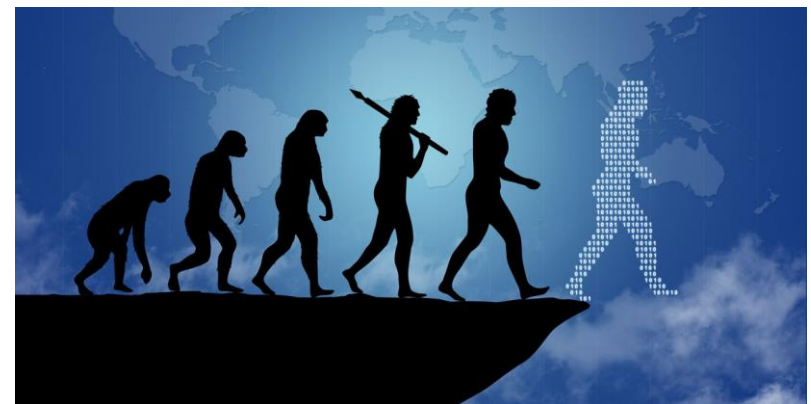
Narrative – описательный
Normative – «образцовый»

or.... brain scan technology combined with AI could have us uploading our minds into computers once our bodies wear down

immense engineering achievements, that would not violate any known scientific laws, brings us seemingly impossible things ... so transcend biology world will soon be possible and human life become beyond physical reality but....humane = physics body + esthetic



... so we have to hope that an ethical evolution comparable to the technological revolution will occur at the same time, beautifully synchronized.

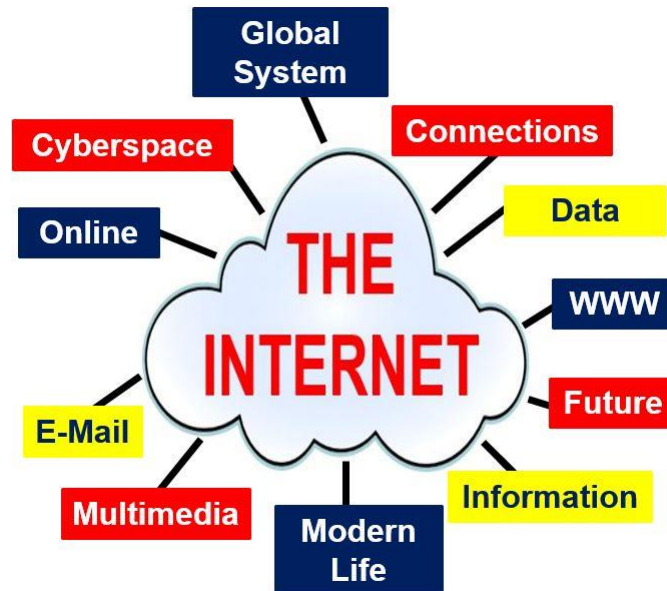


The Internet – simple technology or human' artificial exa mind ?!

Obviously - Internet is part of this global tech changing .

What is it from tech point of view:

- a low-tech virtual reality itself, taking more and more of our time and attention away from the physical world.
- It's both extra memory and a "big data" space for artificial intelligence systems.
- a tool for accelerating technical progress in every possible direction, enabling unprecedentedly efficient communication and information retrieval



through ethical treatment of humans, machines, and information, that a mutually beneficial within a global society of mind and technologies can be achieved.