

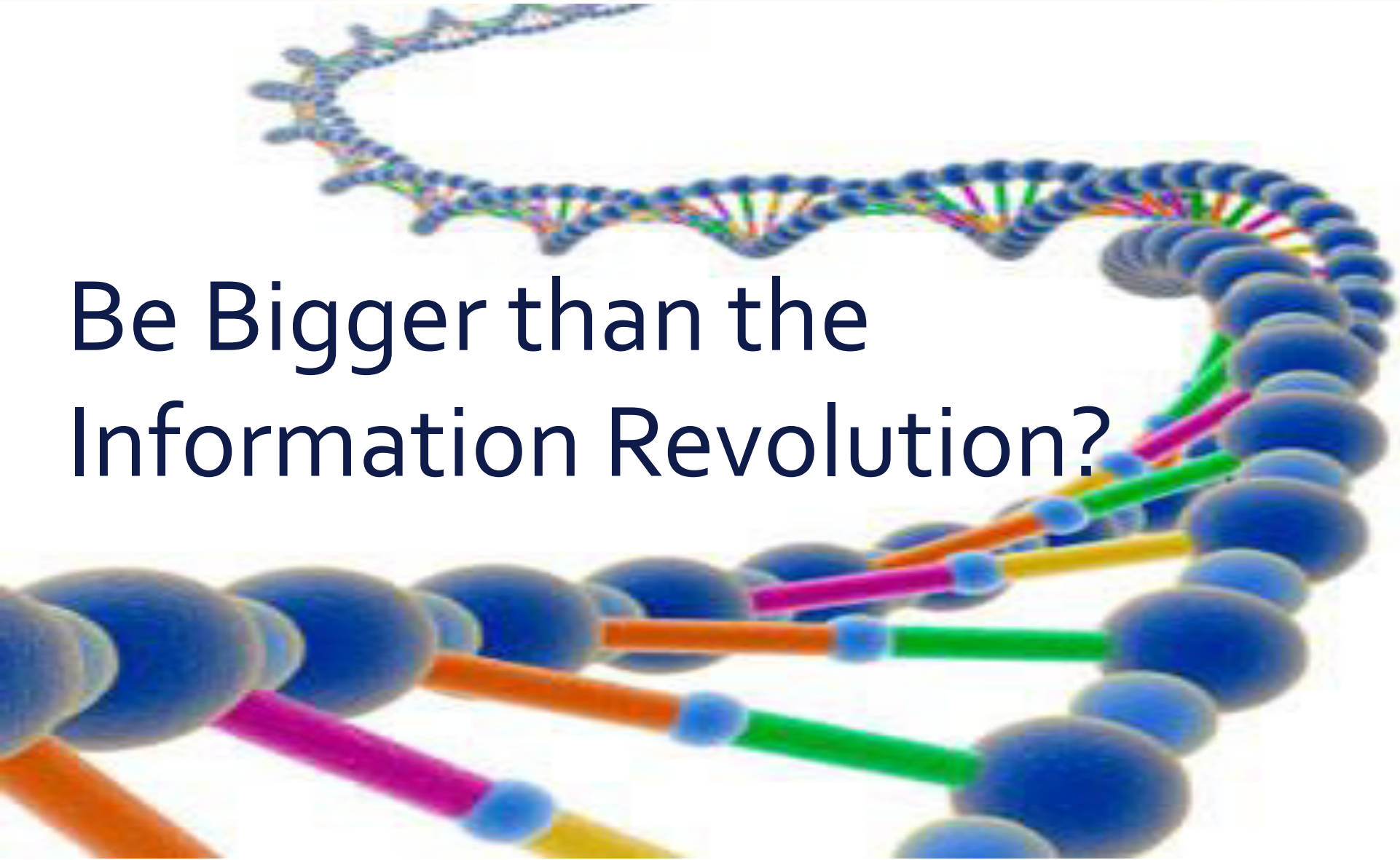
# Is the Future Digital & Tele-Everything?



# Will the Biological Revolution

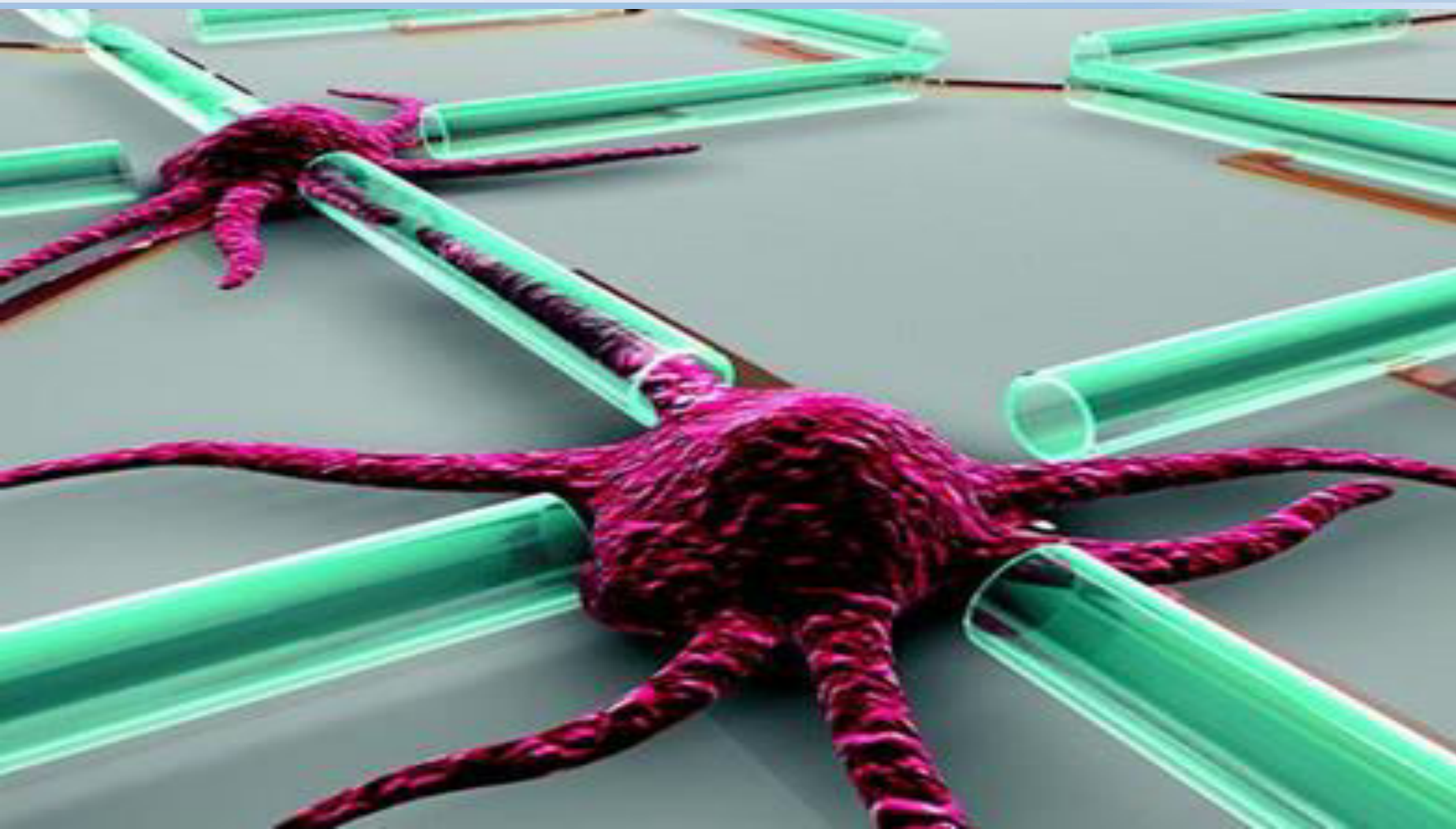


Be Bigger than the  
Information Revolution?



DNA  
Gene Splicing  
Synthetic Biology  
XNA (Xeno Nucleic  
Acid)

# Organic or Inorganic?





# Simplification/Generalization of History and an Alternative Future

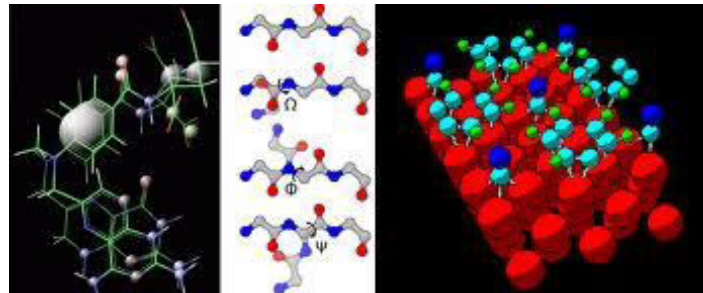


Age / Element	Product	Power	Wealth	Place	War	Time
Agricultural Extraction	Food/Res	Religion	Land	Earth/Res	Location	Cyclical
Industrial	Machine	Nation-State	Capital	Factory	Resources	Linear
Information	Info/serv	Corporation	Access	Office	Perception	Flexible
Conscious-Technology	Linkage	Individual	Being	Motion	Identity	Invented

# Computational Science



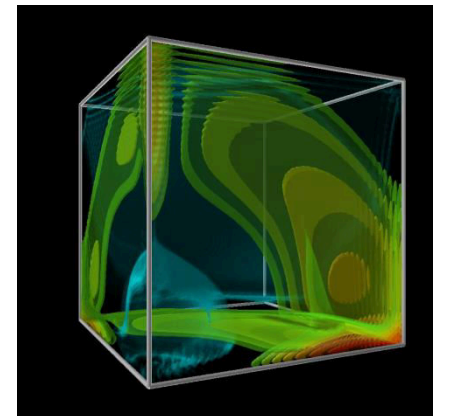
Computational biology



Computational Chemistry

All Accelerate with Moore's Law

Computational Physics



# Why Collective Intelligence?



- The velocity, volume, and complexity of change and challenges are increasing exponentially
- The data, information, knowledge, intelligence explosion is accelerating
- Local issues depend on global developments
- Our work shows that humanity has the knowledge to address the challenges ahead.
- Will we use that knowledge to make decisions necessary?
- We believe collective intelligence can help



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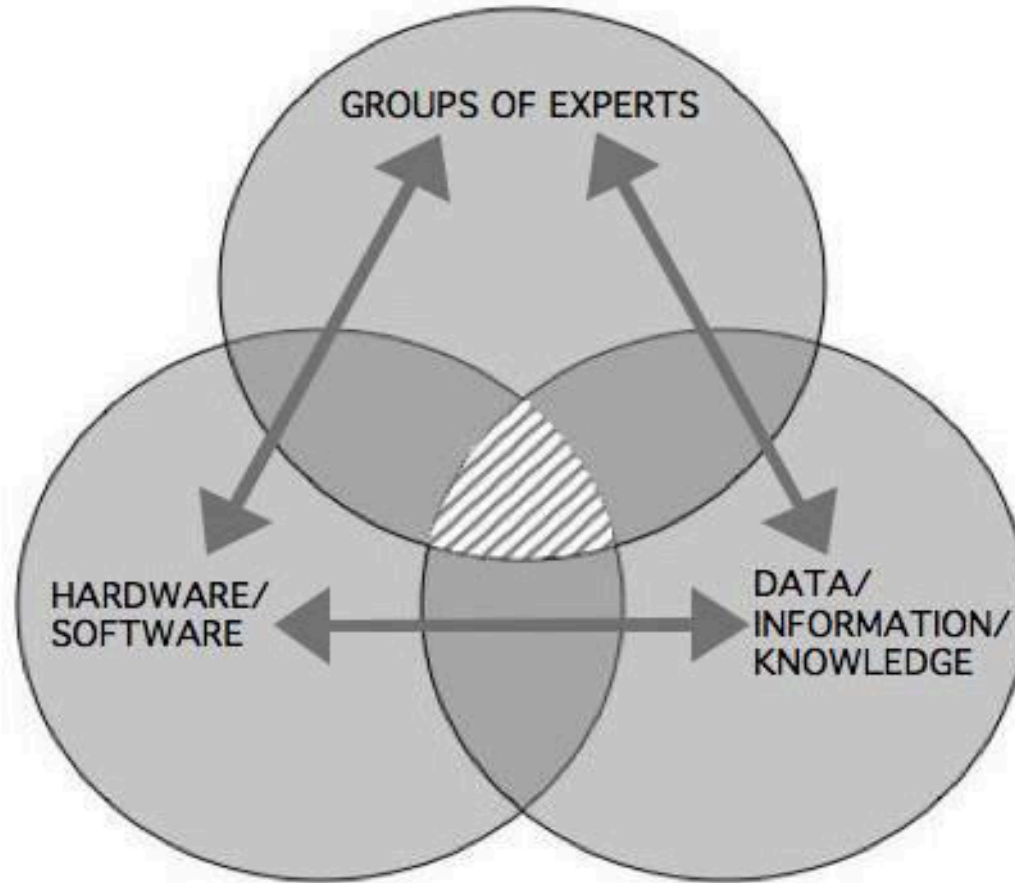
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# Collective Intelligence System – Each Element Can Change the Other



COLLECTIVE INTELLIGENCE