BCSSS

Leadership and Systemic Innovation
Socio-Technical Systems, Ecological Systems, and Evolutionary Systems Design

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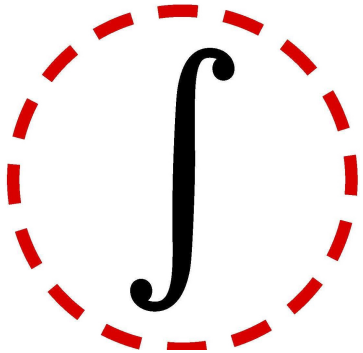
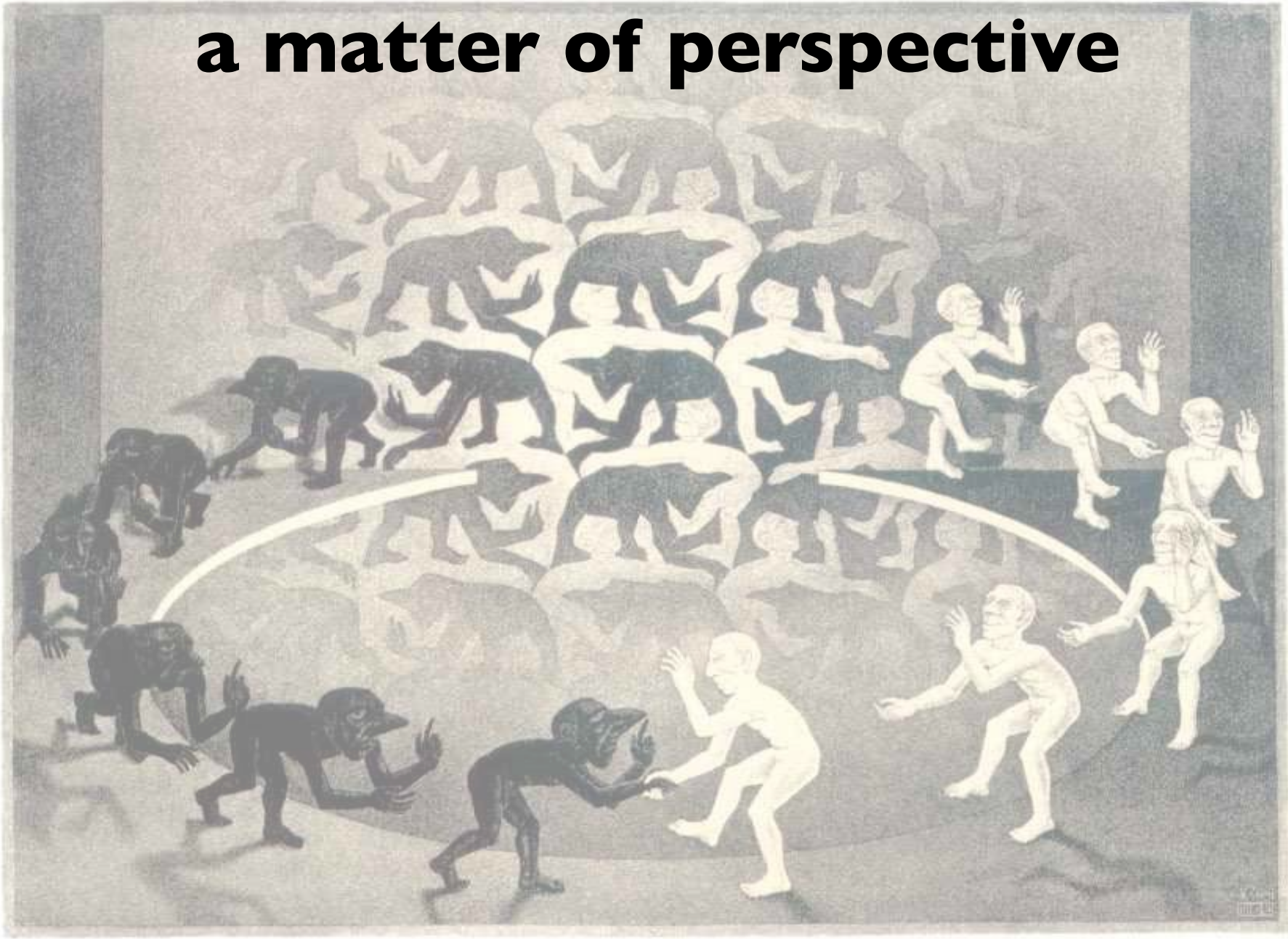


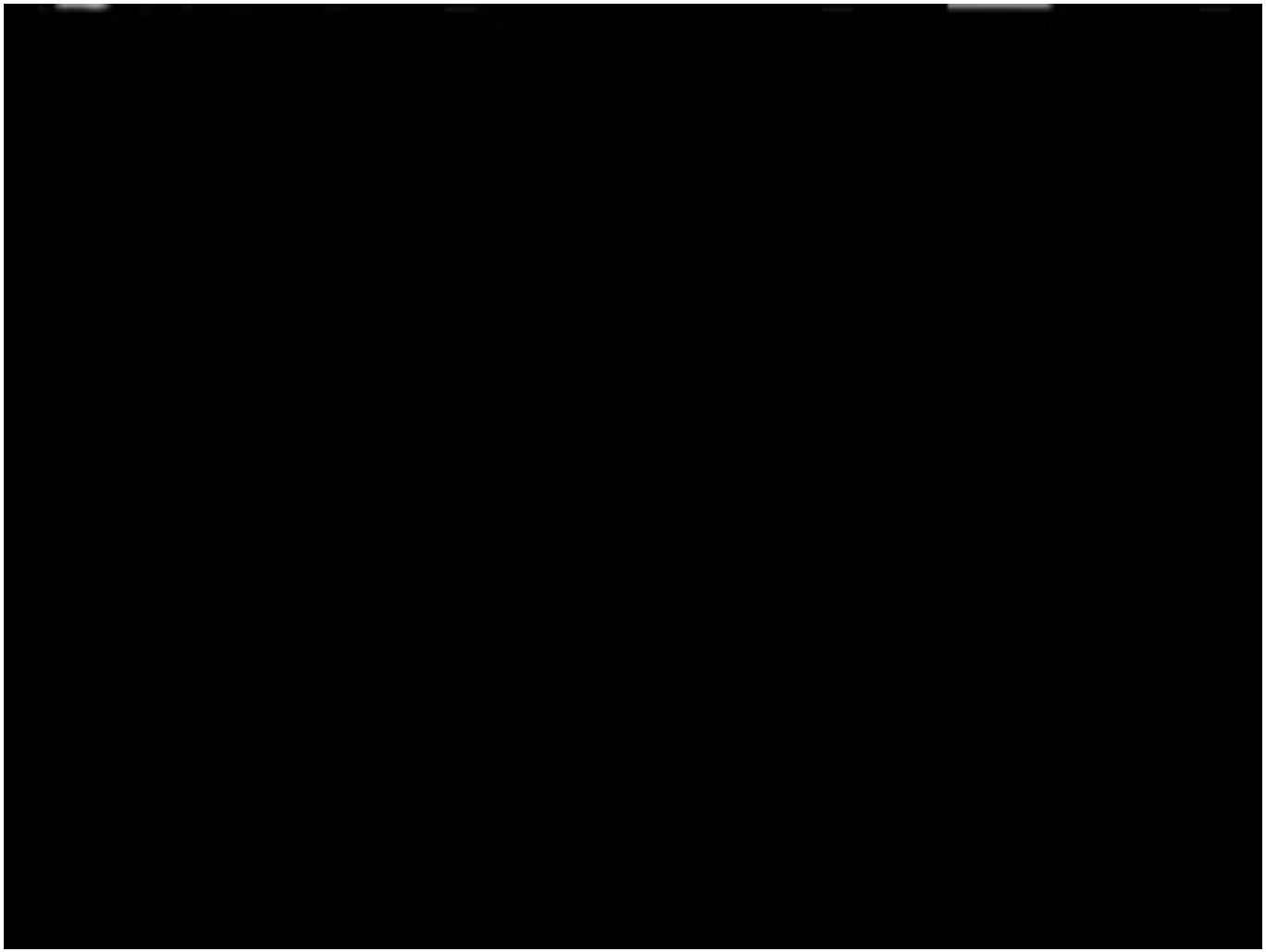
THE LASZLO
INSTITUTE OF NEW
PARADIGM RESEARCH

Introduction

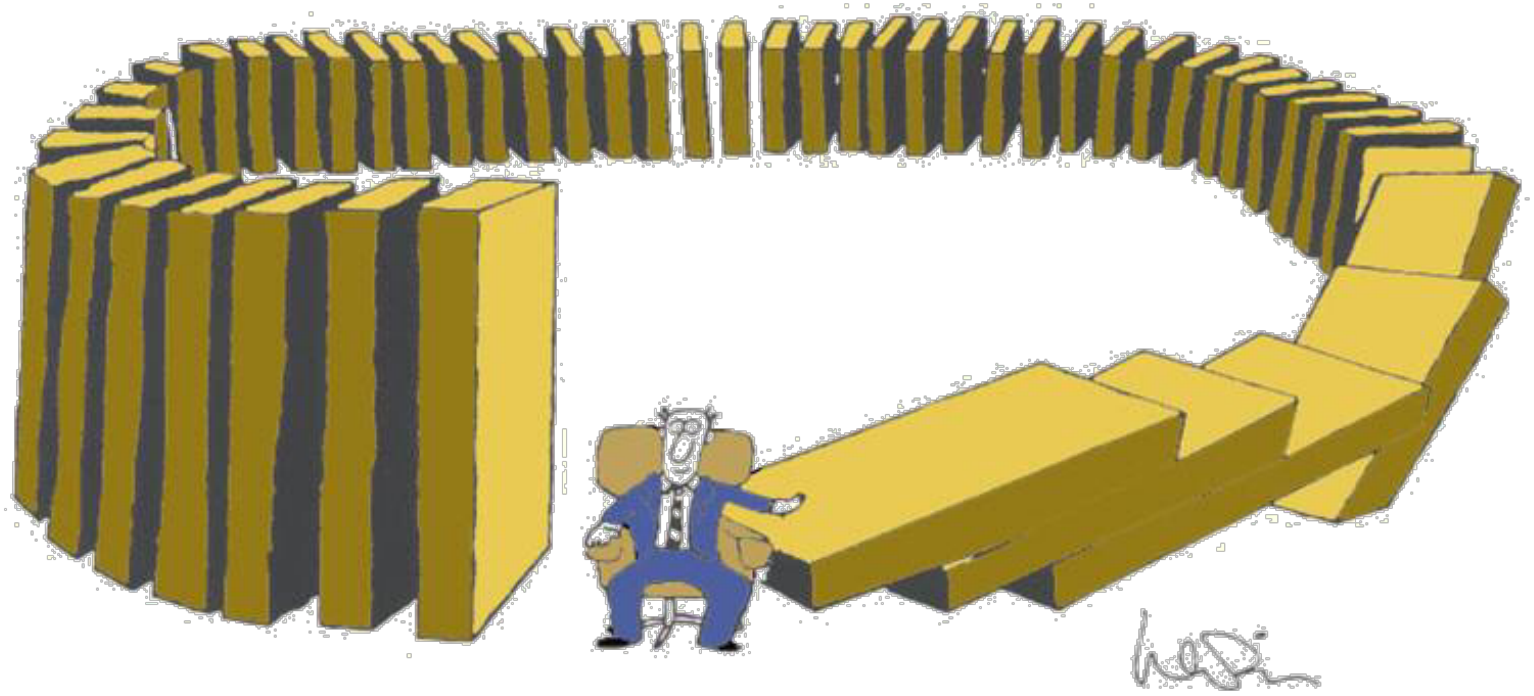
a matter of perspective



Conditioned Thinking



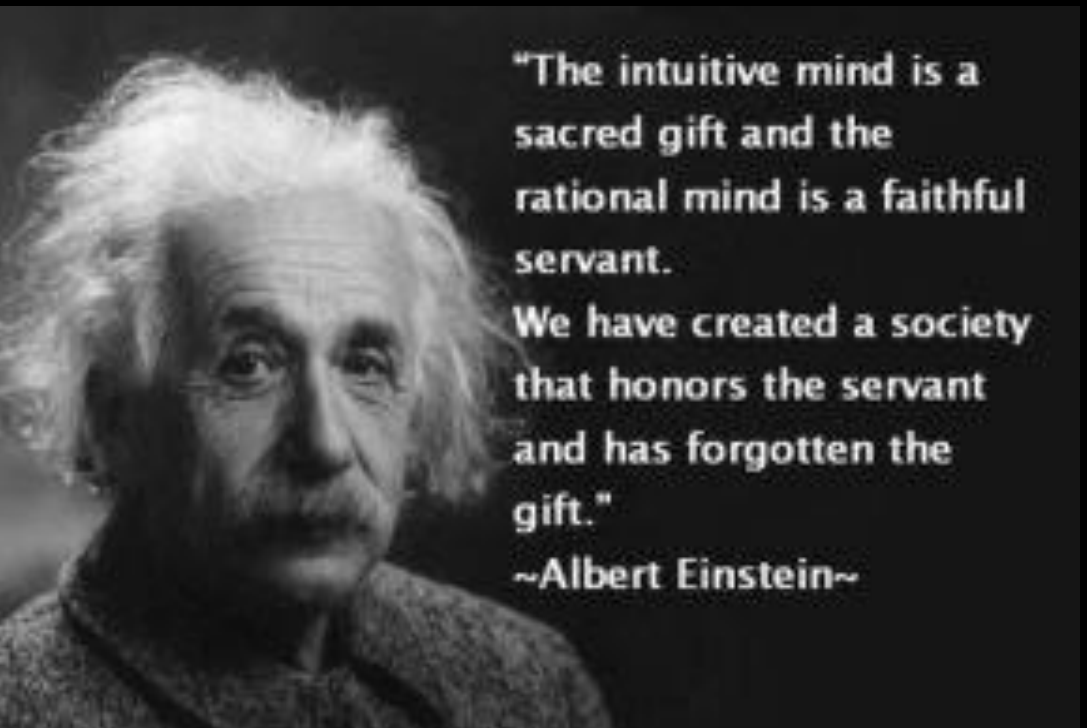
Systems Thinking



The Next Stage of the Systems Movement

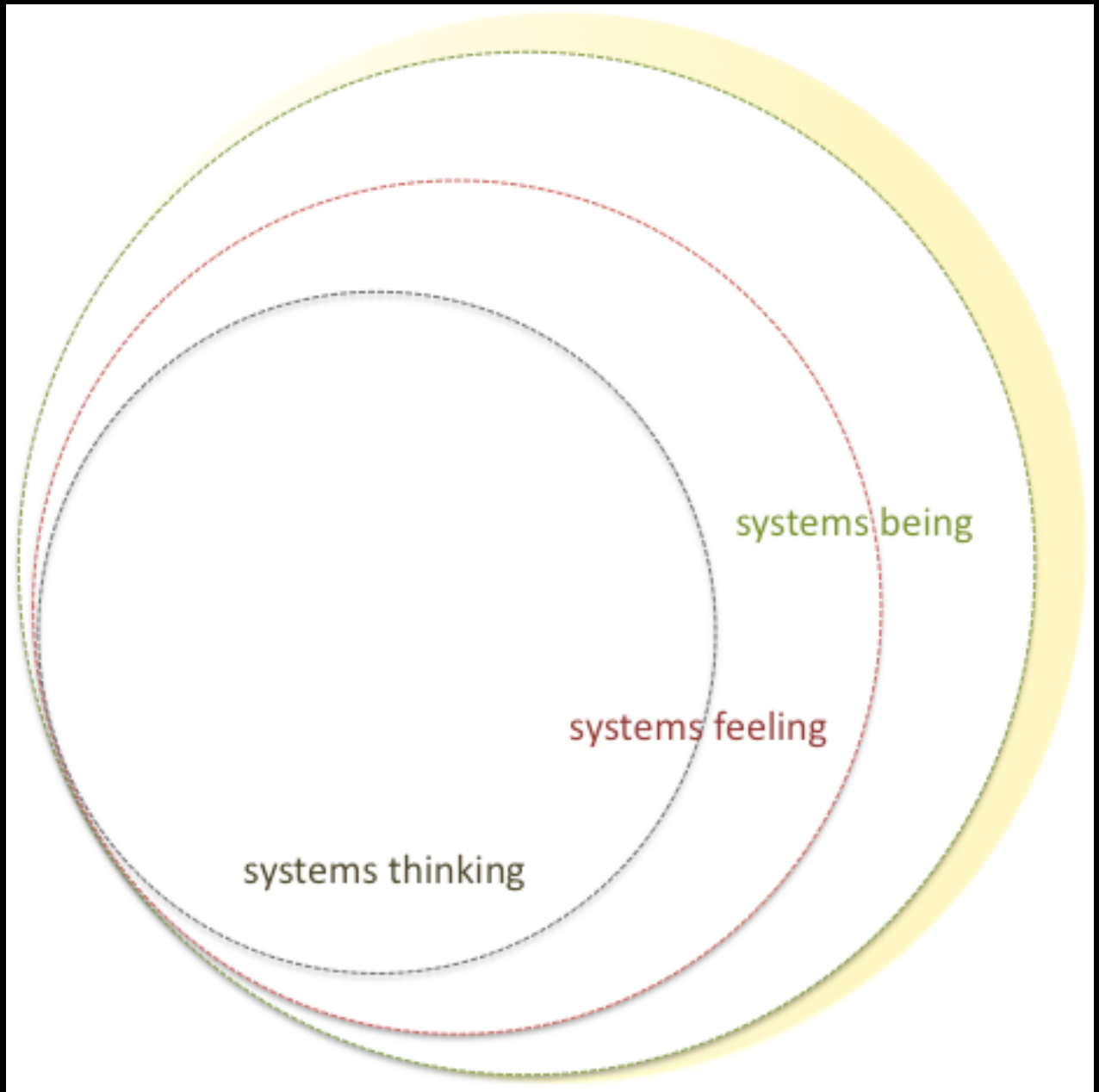
- From Systems Thinking & Systems Practice

To Systems Consciousness & Systems Being



Relational Intelligence

Toward a Relational Intelligence



Knowledge Frameworks

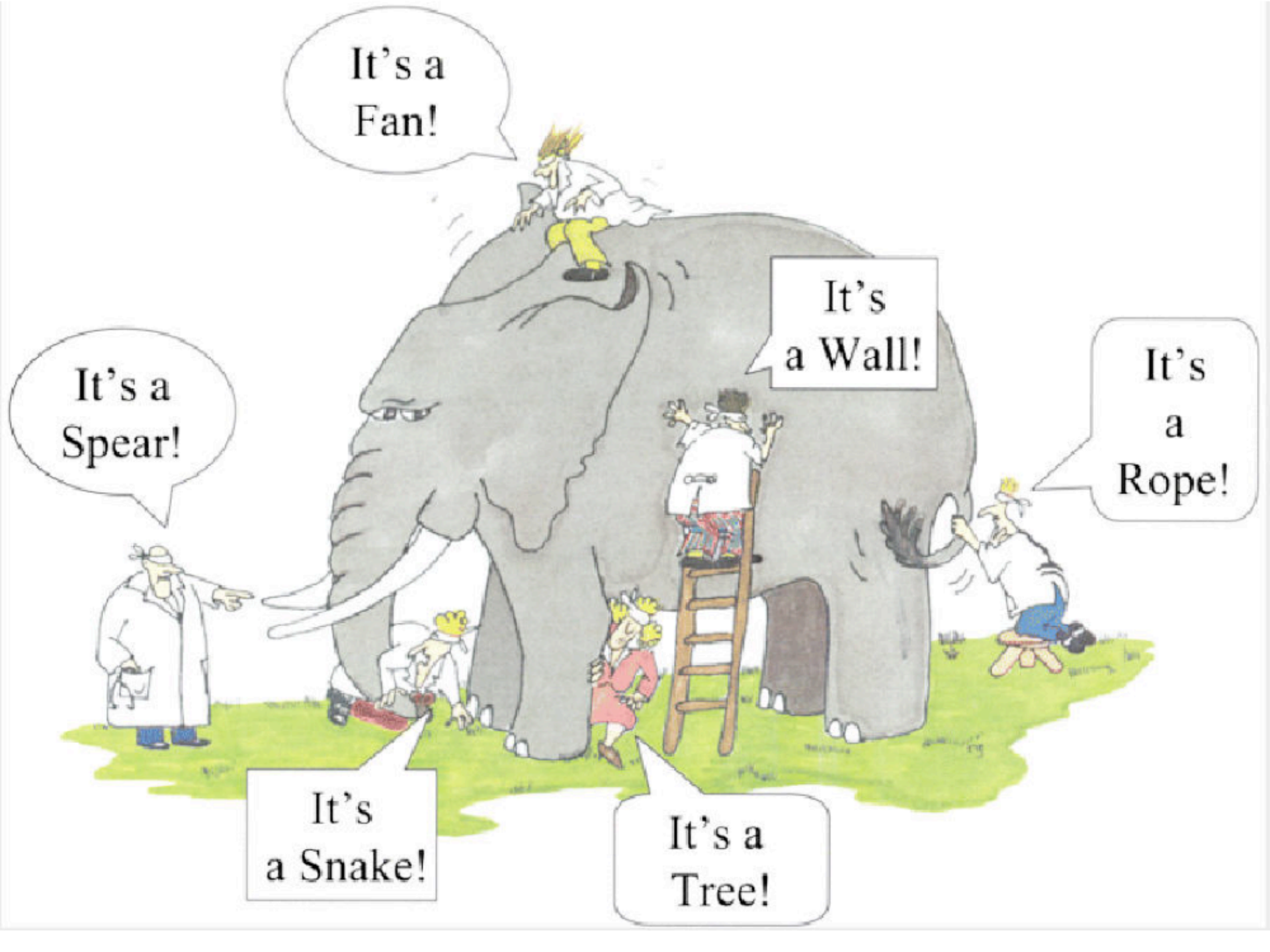
- *Experiential knowing* – learning through direct experience. Words, images or representations cannot be used to convey this level of knowing.

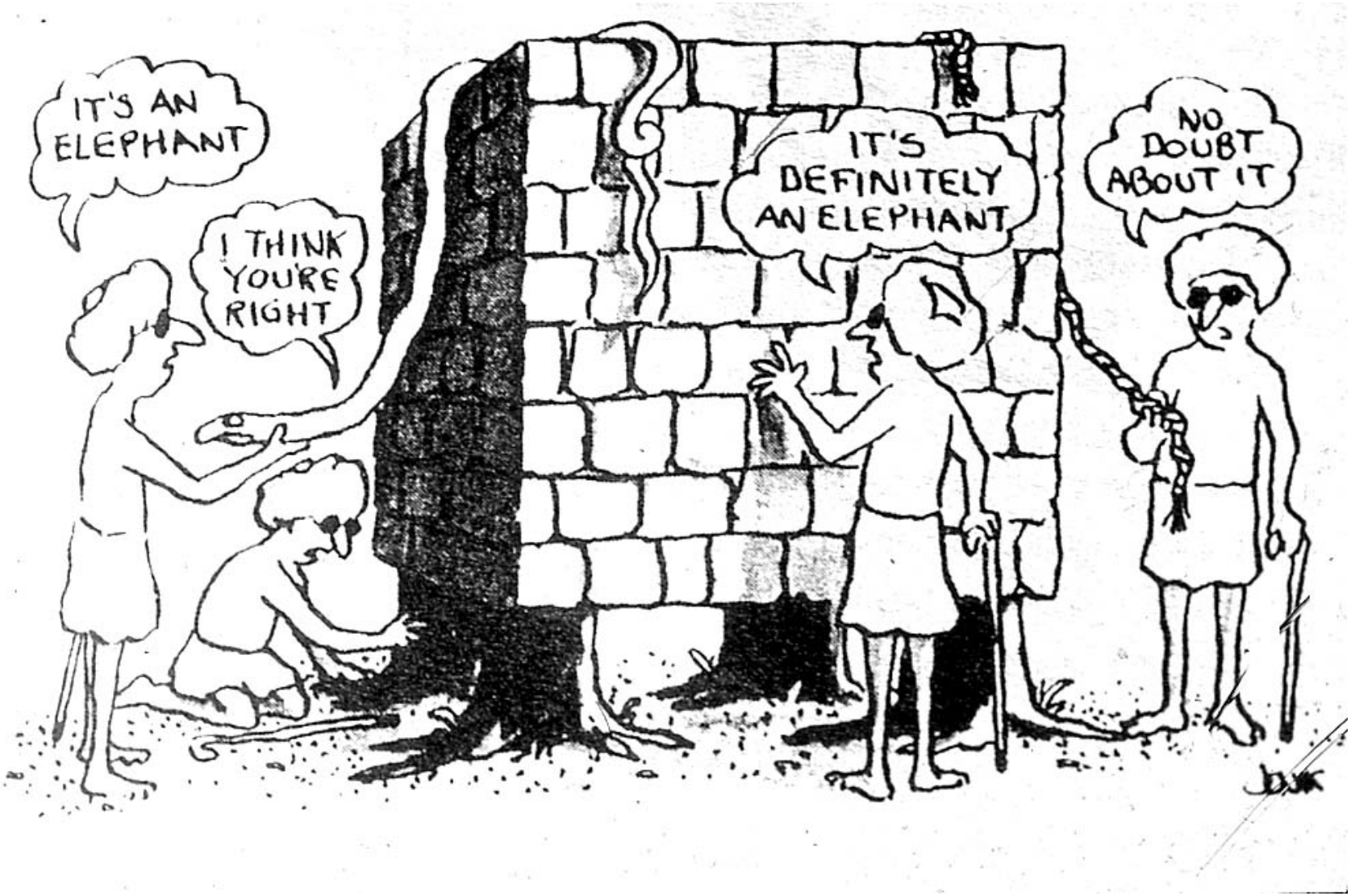
- *Presentational knowing* – learning through creative interpretation. The arts, literature, spiritual allegory are effective vehicles for this level of knowing

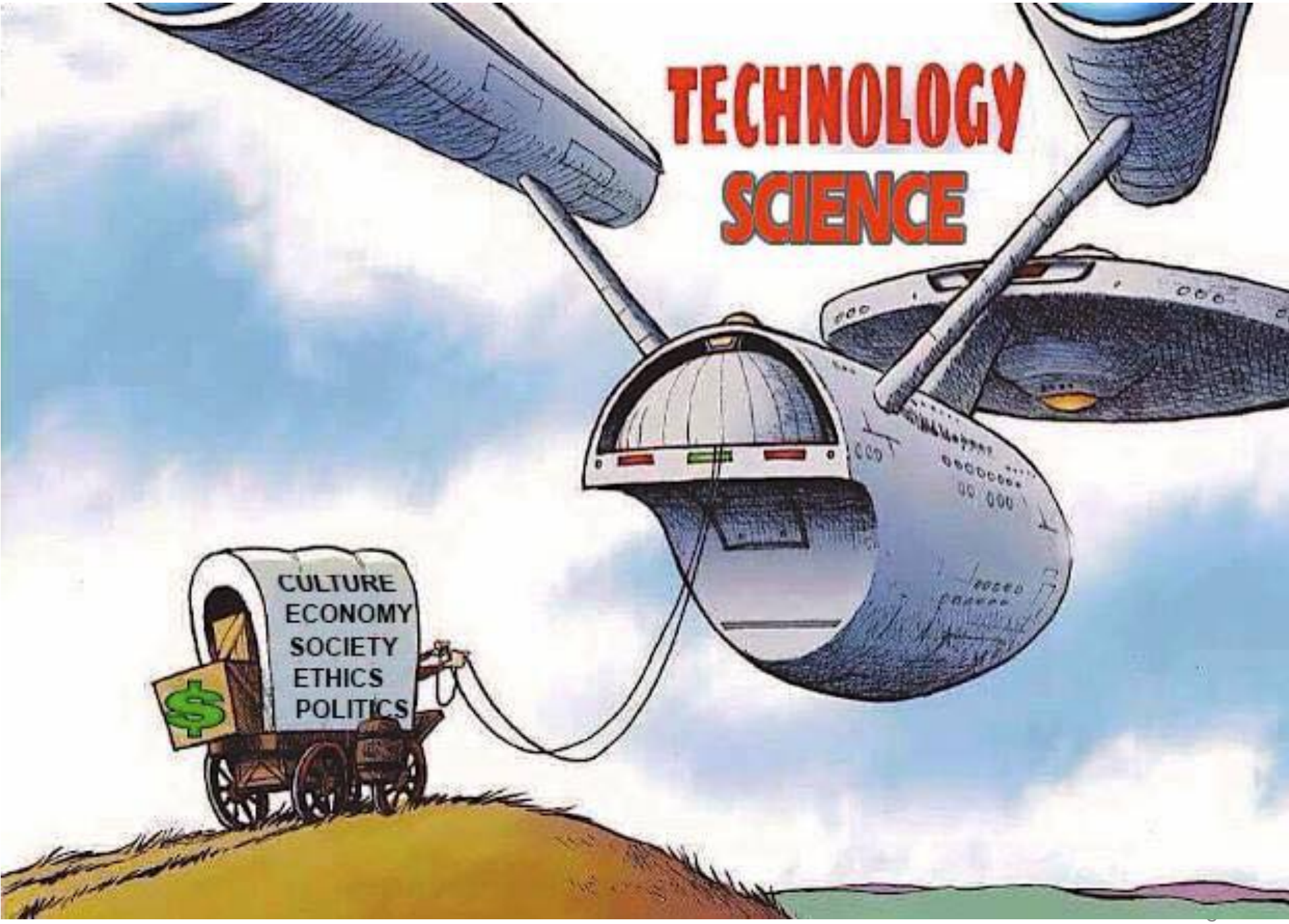
- *Propositional knowing* – learning through words, formal concept, models and theories. Readings, lectures, writing are at this level.

- *Practical knowing* – learning through doing, participating, designing and engaging in different types of projects that apply models, theories, and other forms of propositional knowing.

- from Heron & Reason, 1997


It's a Fan!
It's a Spear!
It's a Wall!
It's a Rope!
It's a Snake!
It's a Tree!


IT'S AN ELEPHANT
I THINK YOU'RE RIGHT
IT'S DEFINITELY AN ELEPHANT
NO DOUBT ABOUT IT


TECHNOLOGY
SCIENCE
CULTURE
ECONOMY
SOCIETY
ETHICS
POLITICS
$

Four Macro-Tendencies

- **Globalization of markets**
  - business is increasingly moving to 24/7/365 non-stop modalities of production and service availability
- **Globalization of technologies**
  - information processing and communications technologies permit, foster, and encourage the globalization of markets
    - genetics, nano-tecnology, robotics, Smart Data, IoT, deep AI ➜ disruptive individually; explosive combined
- **Environmental pressures**
  - increasing interdependencies between human and natural systems with threshold limit implications given the finite carrying capacity of local and global biomes
- **Geo-political and socio-economic challenges**
  - a fundamentally new reality with regard to the potential for systemic crises as well as for opportunities to transcend them

The term **Crisis** in Chinese

Leadership in a VUCA World

- **To work in and with situations that are –**
  - **V**olatile
  - **U**ncertain
  - **C**omplex
  - **A**mbiguous
- **To transform crisis into opportunity using –**
  - **V**ision
  - **U**nderstanding
  - **C**larity
  - **A**gility

– Robert Johansen, 2012

Key Components of Systemic Innovation

- ✓ Systems Thinking
- ✓ Collective Intelligence
- ✓ Empathetic Learning
- ✓ Design Thinking
- ✓ Biomimicry
- ✓ Experimental Prototyping

Survival	Sustainable	Resilient	Thrivable
Motto:			
Outlast!	Repair!	Rebound!	Game on!
Define:			
Try to insure their personal survival of their group or nation.	Able to be maintained at a given rate or level over time.	Able to withstand or recover quickly from difficult conditions.	Unfolding pattern of life giving rise to life. To develop vigorously; to prosper; flourish.
Attitude:			
React	Return	Re-establish	Create
Themes:			
Basic needs	Mitigate damage, sacrifice, austerity, obligation, externalities	Permaculture, symbiosis, redundancy	Anti-fragile (gets better when disturbed), generate, transform
Diversity is:			
Unimportant	A moral issue	Practical	Enriching
Level up:			
Better than dead.	Able to endure in a stable world	Stay alive longer in changing world	Generative. Strive for greatness.

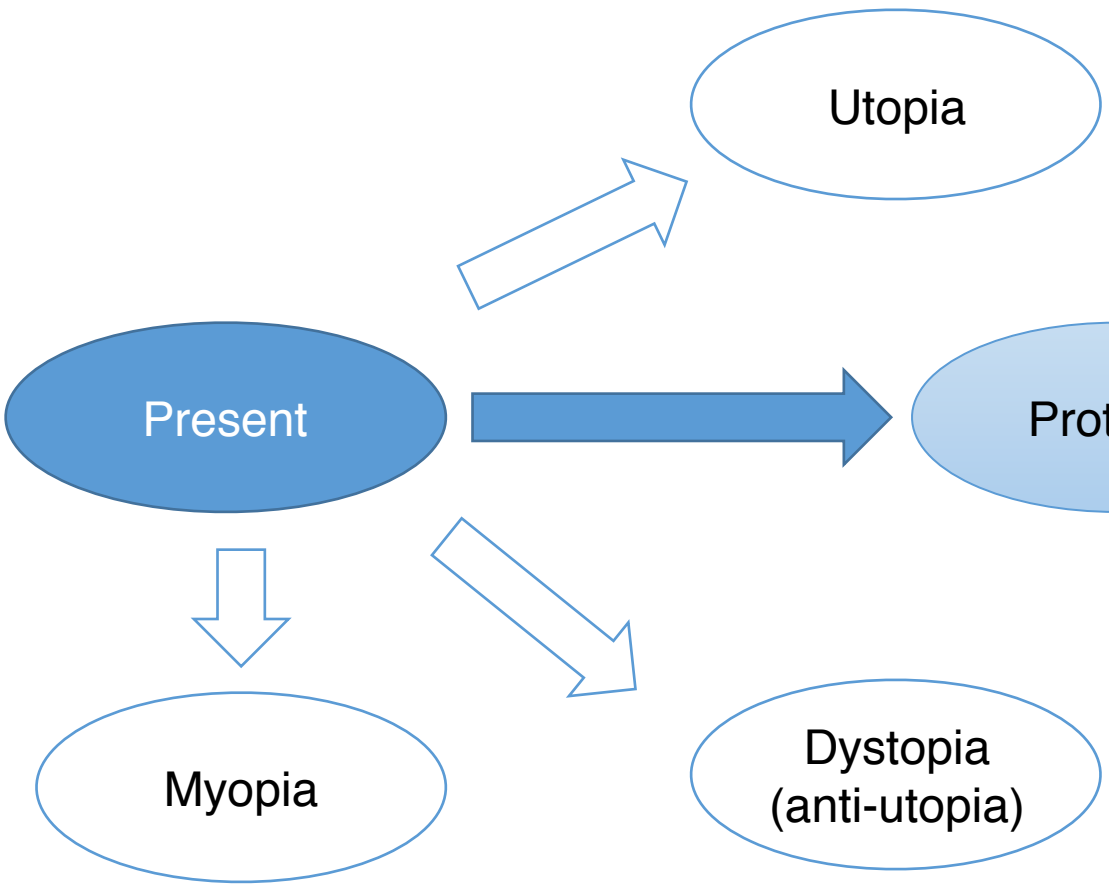
Thrivablenet

The Purpose of Systemic Innovation

To create **Evolutionary Learning Communities** that discover and innovate interdependent sets of solutions to VUCA challenges for a just, healthy and thrivable planet

The challenge of effective leadership

Creating a *Protopia* Path



Idealistic (and at times overly optimistic) future scenario: solutions that knowingly cannot be implemented. Even though this scenario can inspire, the inability to realize it brings frustration

«Realistically-optimistic scenario», based on creating a realistic image of the future and solutions that change the current situation and which can be realized now or in the nearest future

Reactive (and often fatal) scenario of future based on the description of possible hazardous and undesirable events that should be avoided or bypassed. This scenario doesn't include concepts on which elements of the future are plausible

«Prolonged present»: scenario that is devoid of imagination and based on preserving and insignificant improvements of existing ways of life and action

6 Competencies of The Systemic Innovation Leader

Syntony and flow:

Developing a syntony sense — moving from walking the talk to dancing the path; embodying evolutionary consciousness.

Personal evolution:

Committing to expand and intensify our consciousness, engaging in lifelong learning, becoming an active observer, defining our role as participatory systemicists

Collaboration and innovation:

Bringing people together, harvesting diversity, engaging in conversations that translate vision into action, creating evolutionary learning communities, and innovating for the common good

Emotions and language:

Becoming aware of the narratives, vocabularies and speech acts that we use to affect change. Facilitating effective communication to enable emotional intelligence

Thinking in terms of emergence:

Understanding patterns of change, interconnectedness, and the dynamics of synergy in complex adaptive systems

Design for thrivability:

Applying systemic sustainability principles and practices, creating solutions to economic, social, cultural and environmental problems, designing living institutions