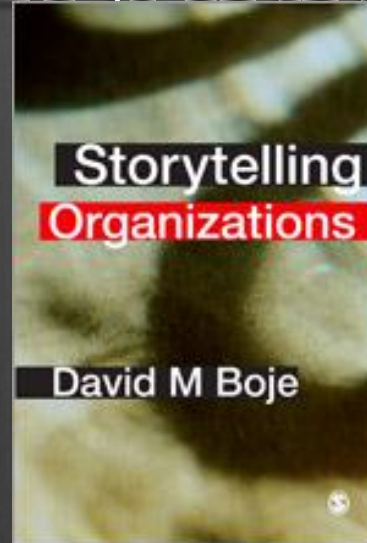


# A Question Concerning Process Strategy: Ferroinerie d'Art et Physics Quantum?

David M. Boje Ph.D. New Mexico, US  
18 March 2012 - Lille France

<http://peaceaware.com/lille>

# What is ANTENARRATIVE?

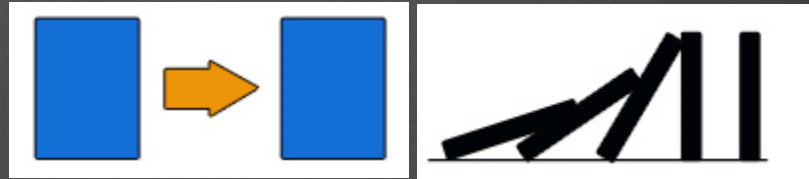


Boje (2001) invented term, 'antenarrative' as a method for tracking trajectory, the **before**-ness, and **bet**-ness as antenarratives transform the 'Situation' into its FUTURE

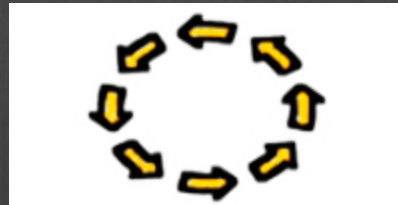
# 4 types of ANTENARRATIVE-causality

3/18/2012

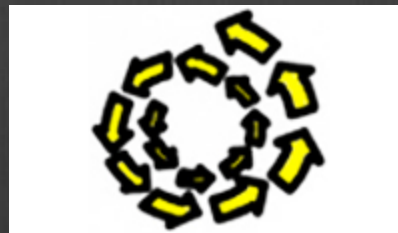
1. Linear/ Domino



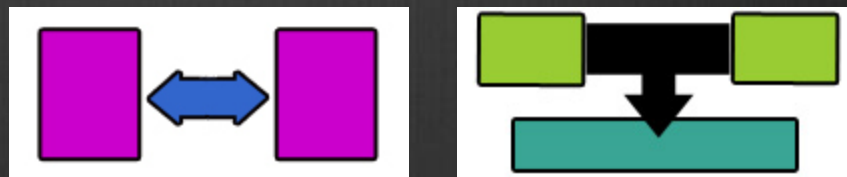
2. Cyclic



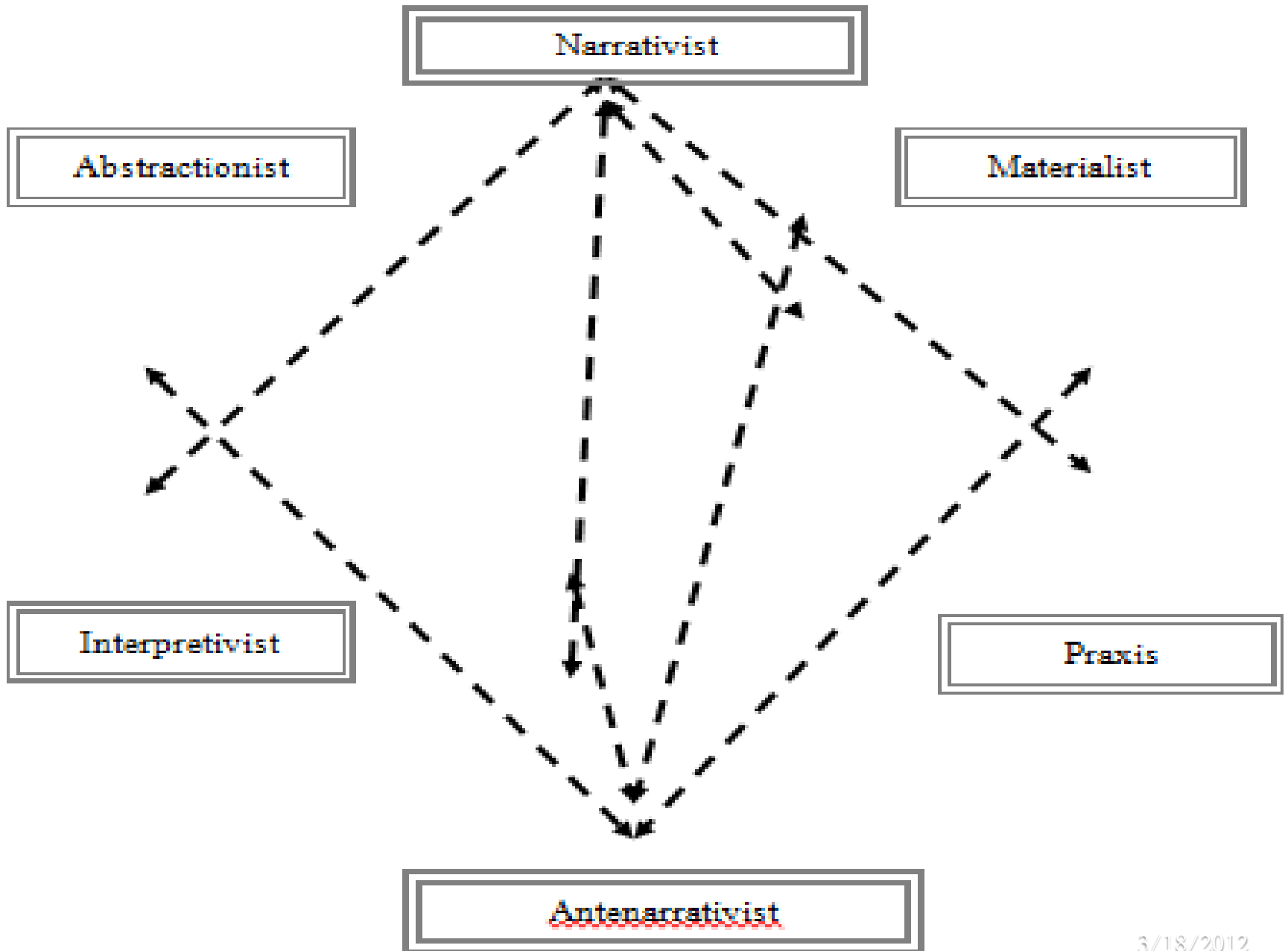
3. Spiraling



4. Actor-Actant-  
Assemblage-  
Network



# Storytelling Diamond Model



Perspectives	Epistemologies	Ontologies
<b>Interpretivist</b>	Subjectivist – inquirer and knowledge fuse into one	Relativist – local and specific, and multiple constructed realities and meanings
<b>Praxis</b>	Knowledge with utility in social, economic, & political realms.	Reformist practice; self-determination, intentionality, sociality, creativity & rationality
<b>Materialist</b>	Positivism – dualist/objectivist; findings probably true, but not value-laden or subjective	Realist – reality exists out there; combine naïve realism and critical realism; “real” reality is possible
<b>Abstractionist</b>	Reduces knowledge to essentials; not representing <u>or</u> imitating external reality	World is represented in formal models. opposite of contextualism
<b>Narrativist</b>	Narrativist epistemology can be regarded as an inversion of empiricism.	The past as at least partially an effect of narrativization.
<b>Antenarratist</b>	Rhizomatics	Realizing & derealizing <sup>3/18/2012</sup>

# Overview

- ⊗ **Research question**
- ⊗ **Quantum Physics et Storytelling dans Ferronnerie d'art**
- ⊗ **Research Contributions: post-process strategy**
- ⊗ **Research Methodology**
- ⊗ **Discussion**





# Research Question: The intra-penetration of storytelling *with* metal-works-of-art?

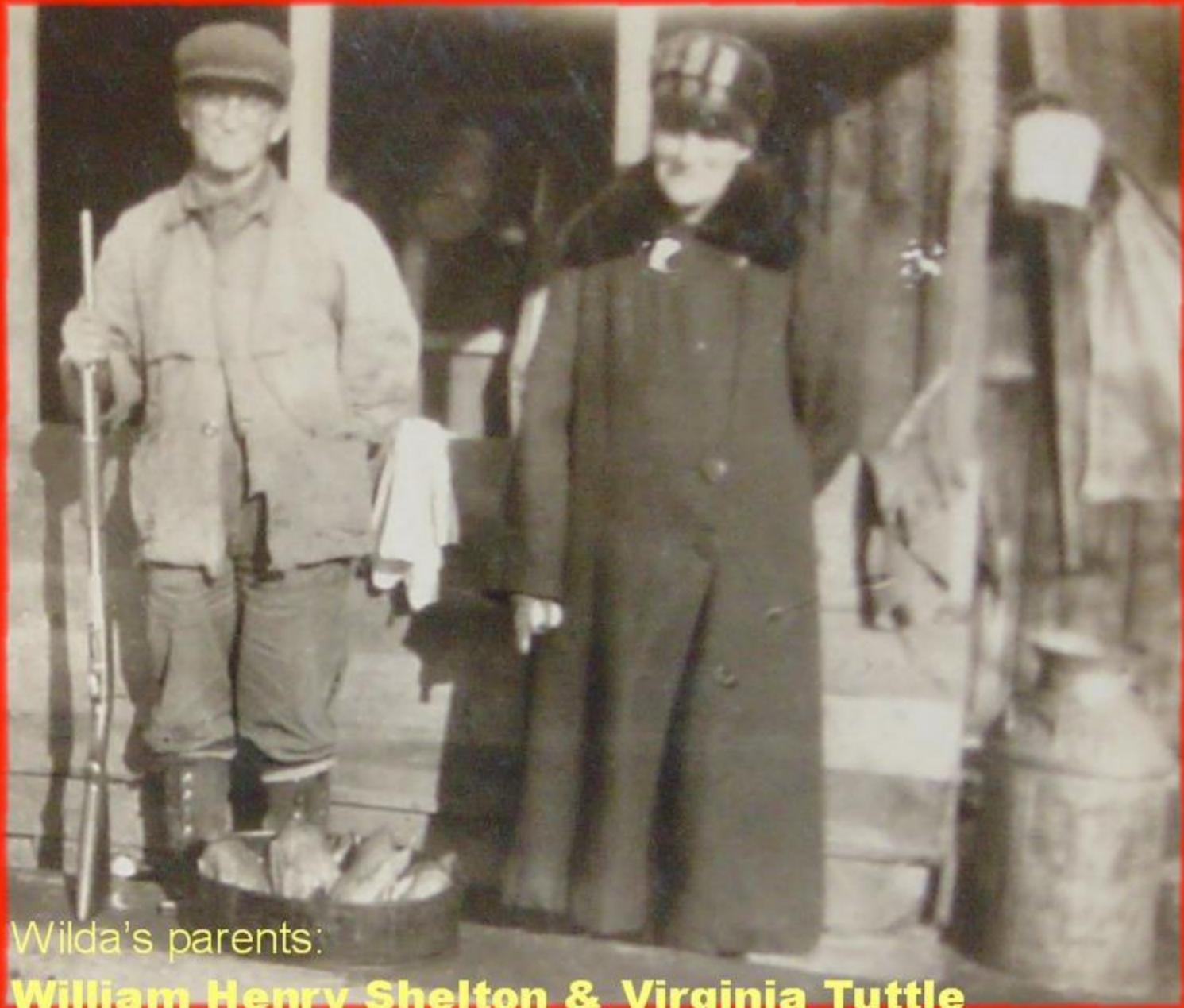
- 🎬 Boje the blacksmith [YouTube tour of my shop](#)



“Hammering does not just have a knowledge of the useful character of the hammer; rather, it has appropriated this useful thing in the most adequate way possible. When we take care of things, we are subordinate to the in-order-to-constitutive for the actual useful thing in our association with it.” (Heidegger, 1996, p. 65 #70)







Wilda's parents:

**William Henry Shelton & Virginia Tuttle**

# Master Teachers of Blacksmith art, at Moriarty, New Mexico



3/18/2012



# Son Ray making sword



3/18/2012



Hammer of  
Thor –  
'big red'



# Integrating narrative, living story, and antenarrative

- ⊗ E.g. “The hammer is heavy”  
(Heidegger)
- ⊗ Quantum storytelling exists “for the sake of a potentiality-for-Being”  
(Heidegger, 1962: 415).
- ⊗ In quantum storytelling articulation connects with entities in meaning of Heart of Care for lifetime in place, equipmentality (care of equipment)
- ⊗ Intra-activity of Materiality with Storytelling in a Place, a There, a Primordial Life-Path





# Authentic Self and Fore-having

"The interpretation is grounded in a foresight that 'approaches' what has been taken in fore-having with a definite interpretation in view. What is held in the fore-having and understood in a 'fore-seeing' view becomes comprehensible through the interpretation" Heidegger (1996: 141 # 151)

# Research Approach

- ⊗ **Qualitative**
- ⊗ **6-10 Subjects Selected for high degree of involvement in the human metallurgy Ferronnerie d'art sector**
- ⊗ **3 Phases:**
  - ⊗ Initial interview- “Bringing alongside” /initial “disclosure” (Heidegger, 1962)
  - ⊗ Second Interview- going deeper, seeking an authentic understanding
  - ⊗ Focus group- Discussing findings and validating researcher interpretation



# Blacksmith John Bellamy

- ❉ [audio of interviews in Devon](#)
- ❉ [Jupiter story](#)
- ❉ **Forging the Bear:** Devon film-maker Holly Griffiths observes a blacksmith at work as he forges a piece of meteorite into an Egyptian sculpture → [Watch the video now](#)

# Shawn Cunningham website

## Front Step Forge - Canada.



# Shawn Cunningham

⊗ The Journeyman Piece



Surrealism



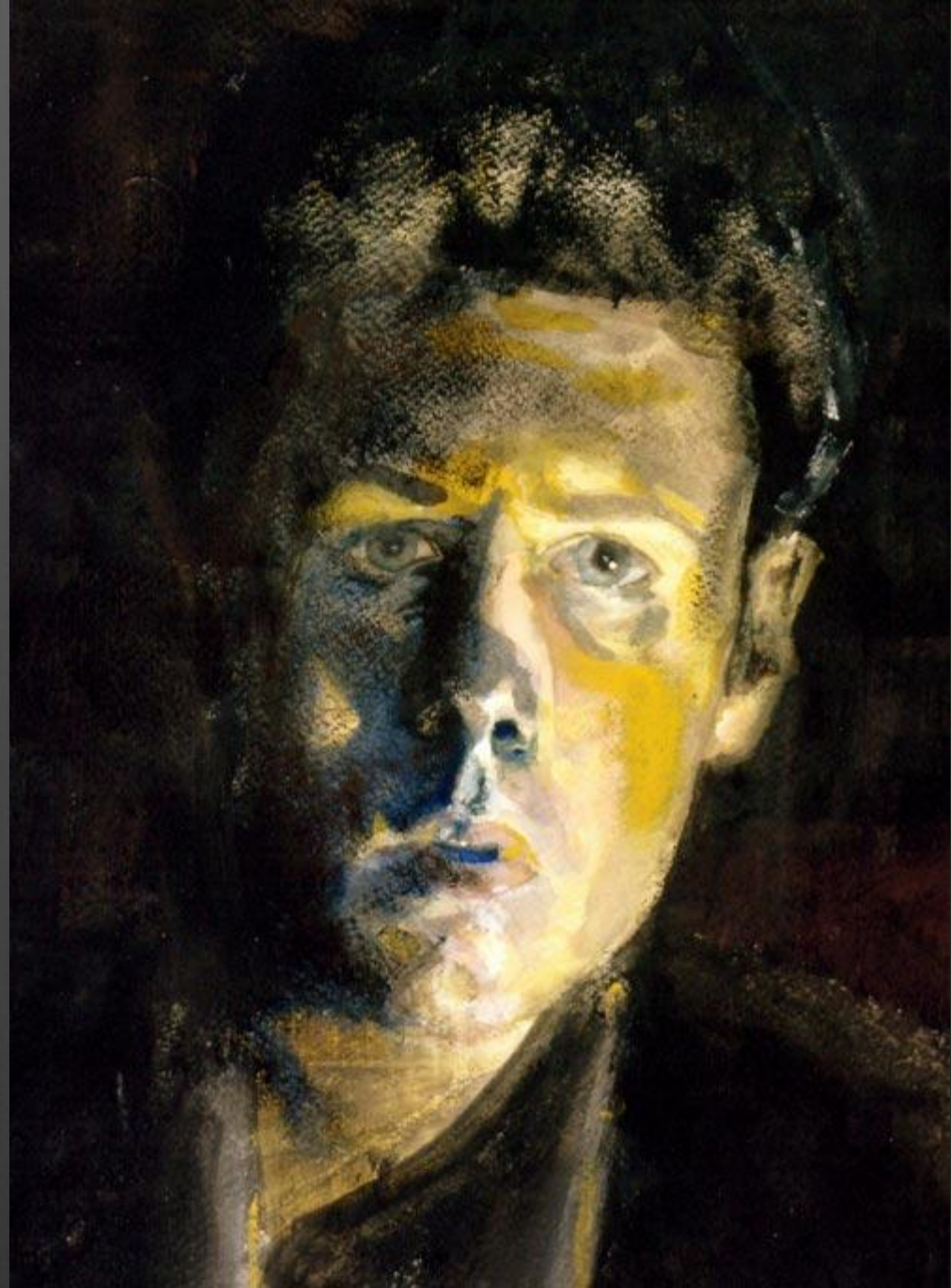


# Quantum Man Art



[Julian Voss-Andreae website](#)

# Julian's self- portrait





*How does storytelling and Ferronnerie d'art  
Processes intra-penetrate ?*



[Website IPAVOS](#)

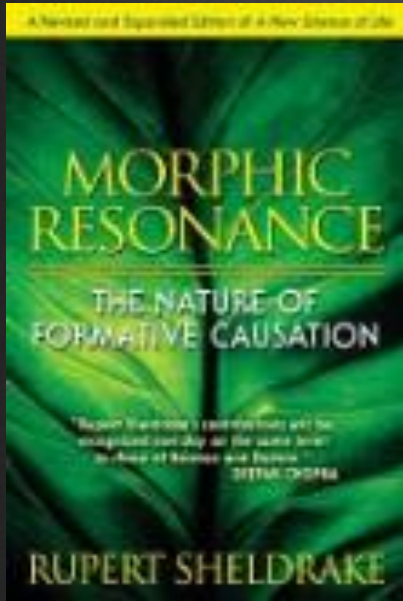
# Julian Voss-Andreae website

- ⊗ YouTube Quantum Man
- ⊗ Julian Voss-Andreae Quantum Man metal art sculpture Art Beat video
- ⊗ YouTube video - making Pauling sculpture – protein
- ⊗ Bucky Ball

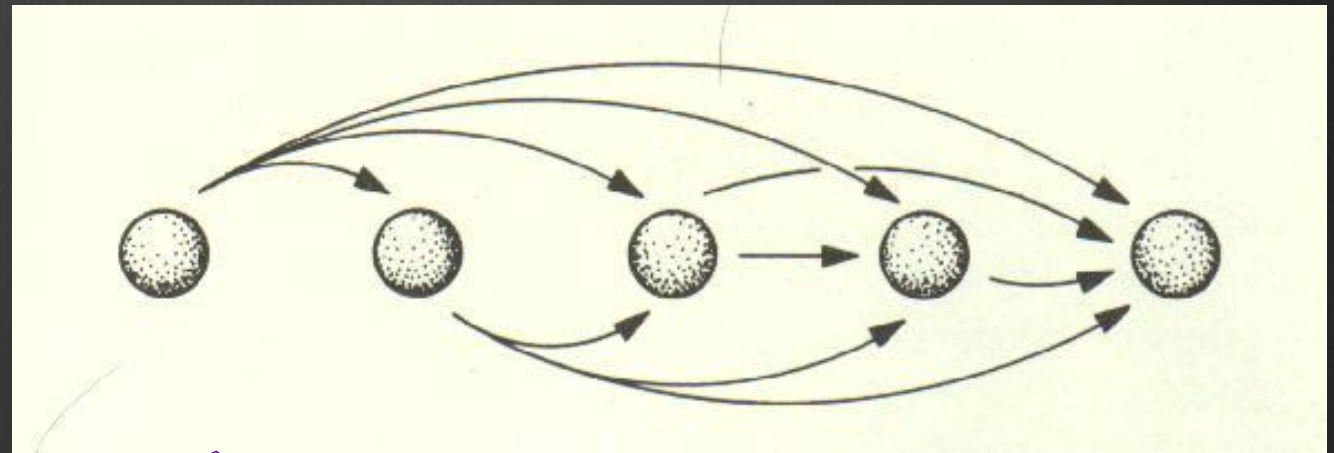
# Quantum Assumptions

- ⊗ **Complex Adaptive Systems (CAS) adapt in Quantum Field Fitness Landscapes (Sheldrake, 2008; Kauffman 2005)**
  - ⊗ Old and New Metallurgy production processes in force field
  - ⊗ Firms find path of space-time-mattering in quantum field
- ⊗ **The Future AND the Past are affecting the Moving Present**
  - ⊗ Therefore time is NOT a linearity Past-Present-Future
  - ⊗ Rather, the Future and Past both influence Present
- ⊗ **Strategy is studying Foretelling, Fore-Caring, Fore-Structuring as Future ahead-of-itself**
- ⊗ The new strategy research is looking at Ontological Questions





Sheldrake “morphic resonance takes place only from the past” (2009: 86). Cumulative influences of past systems on subsequent similar systems



Past 1

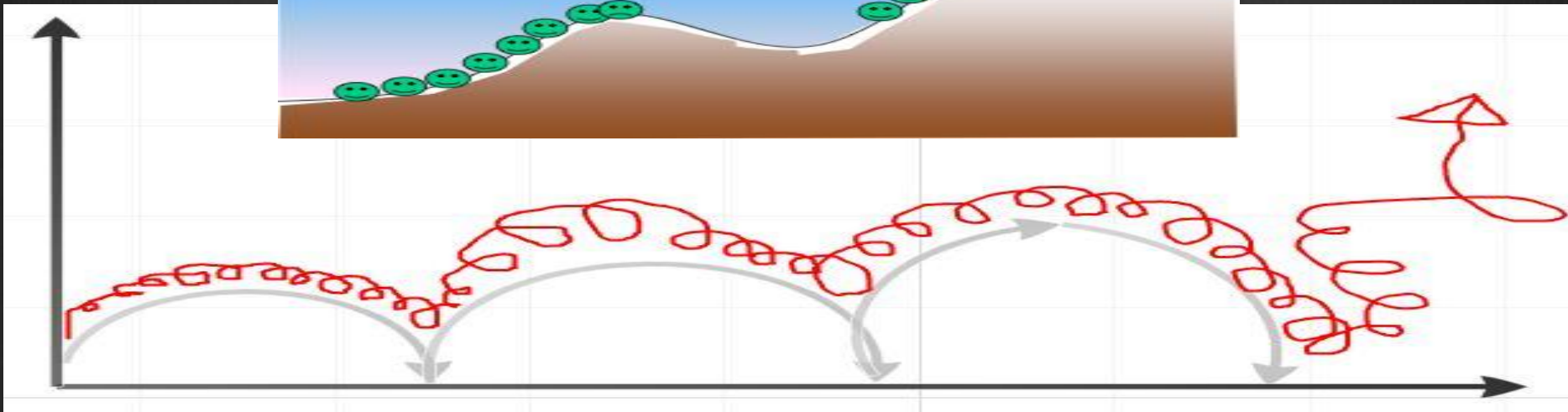
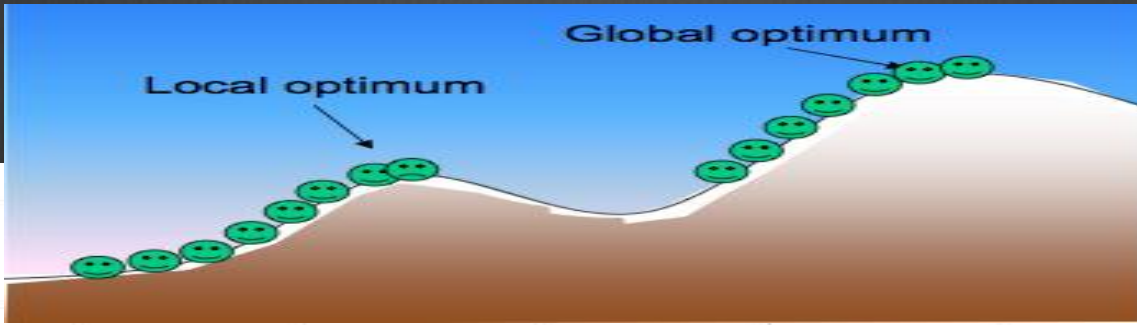
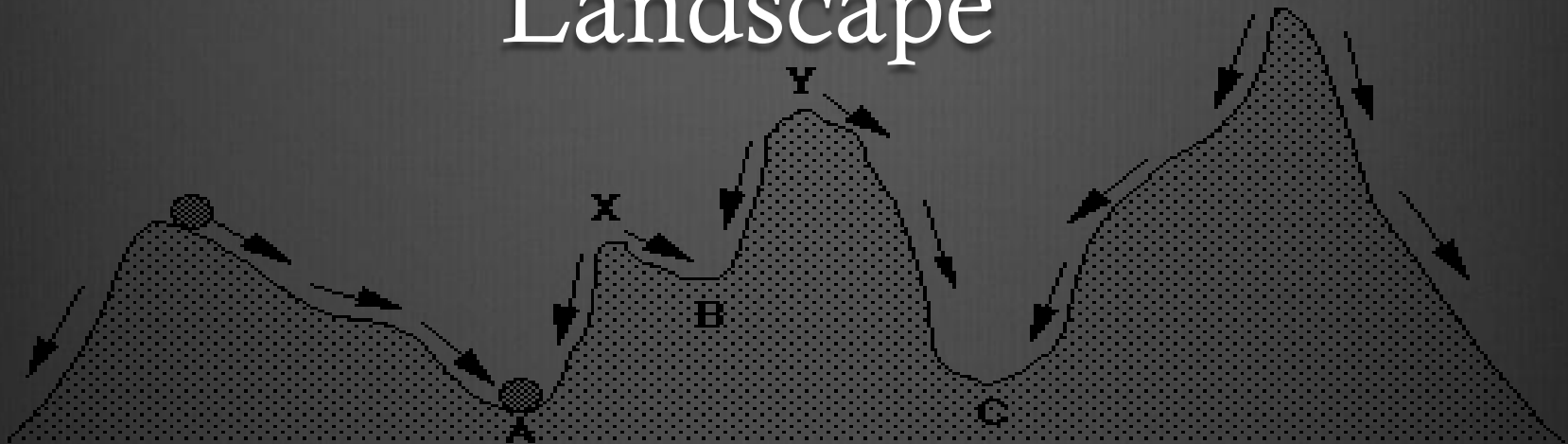
Past 2

Past 3

Past 4

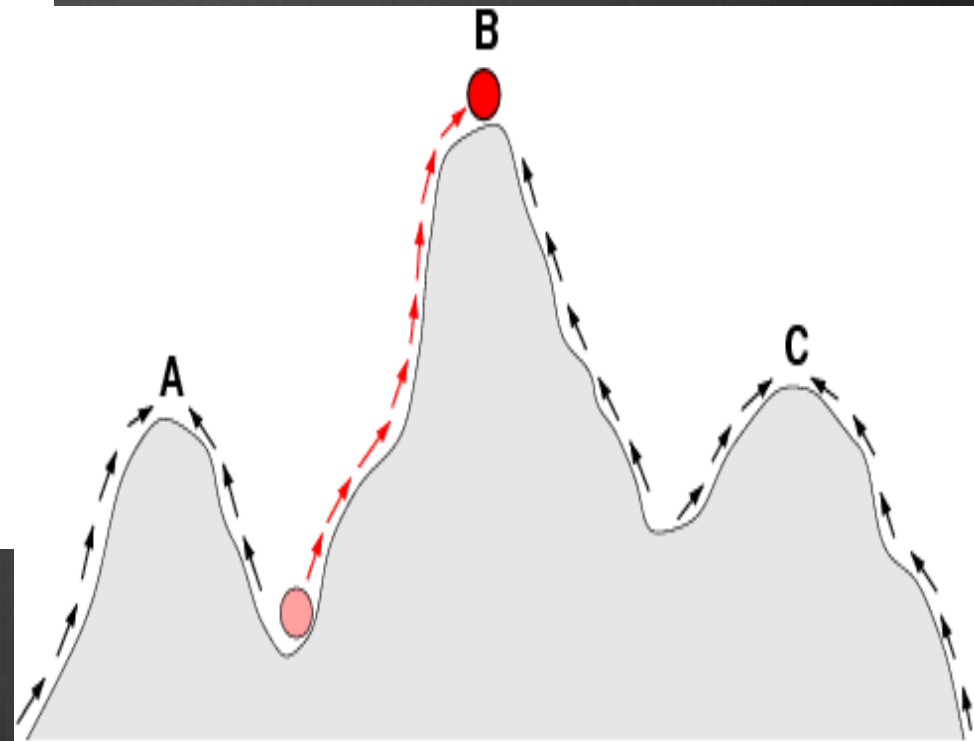
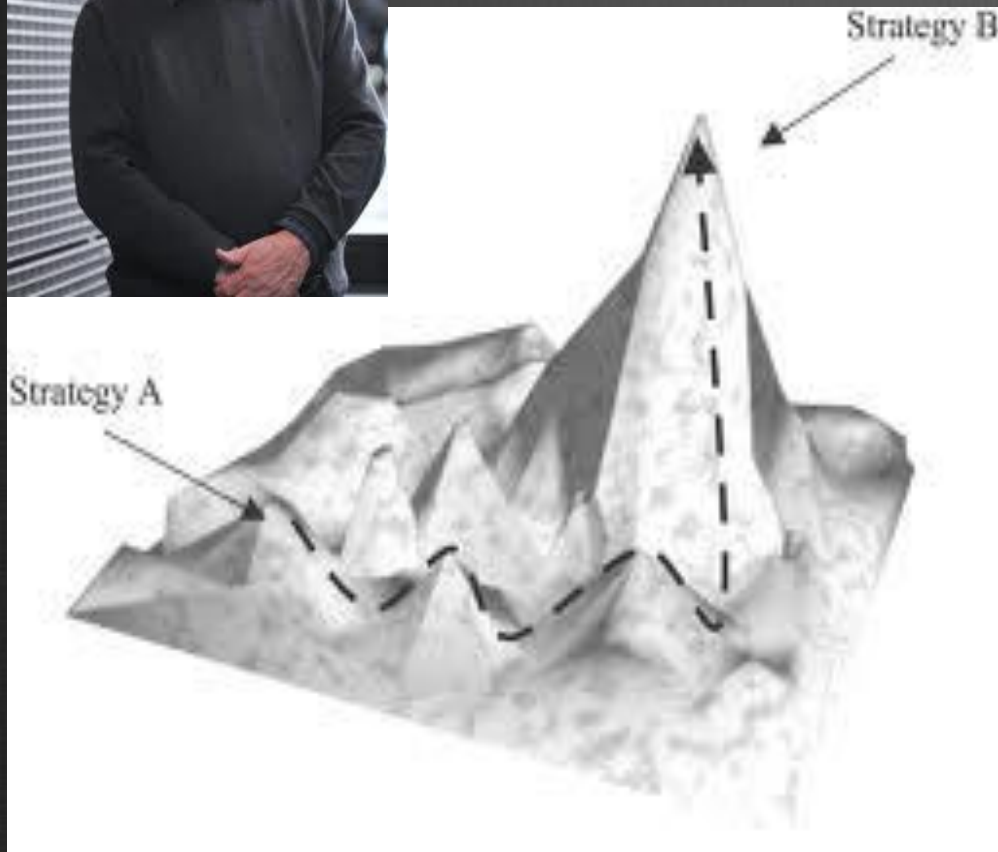
Present

# Simplistic Models of Fitness Landscape





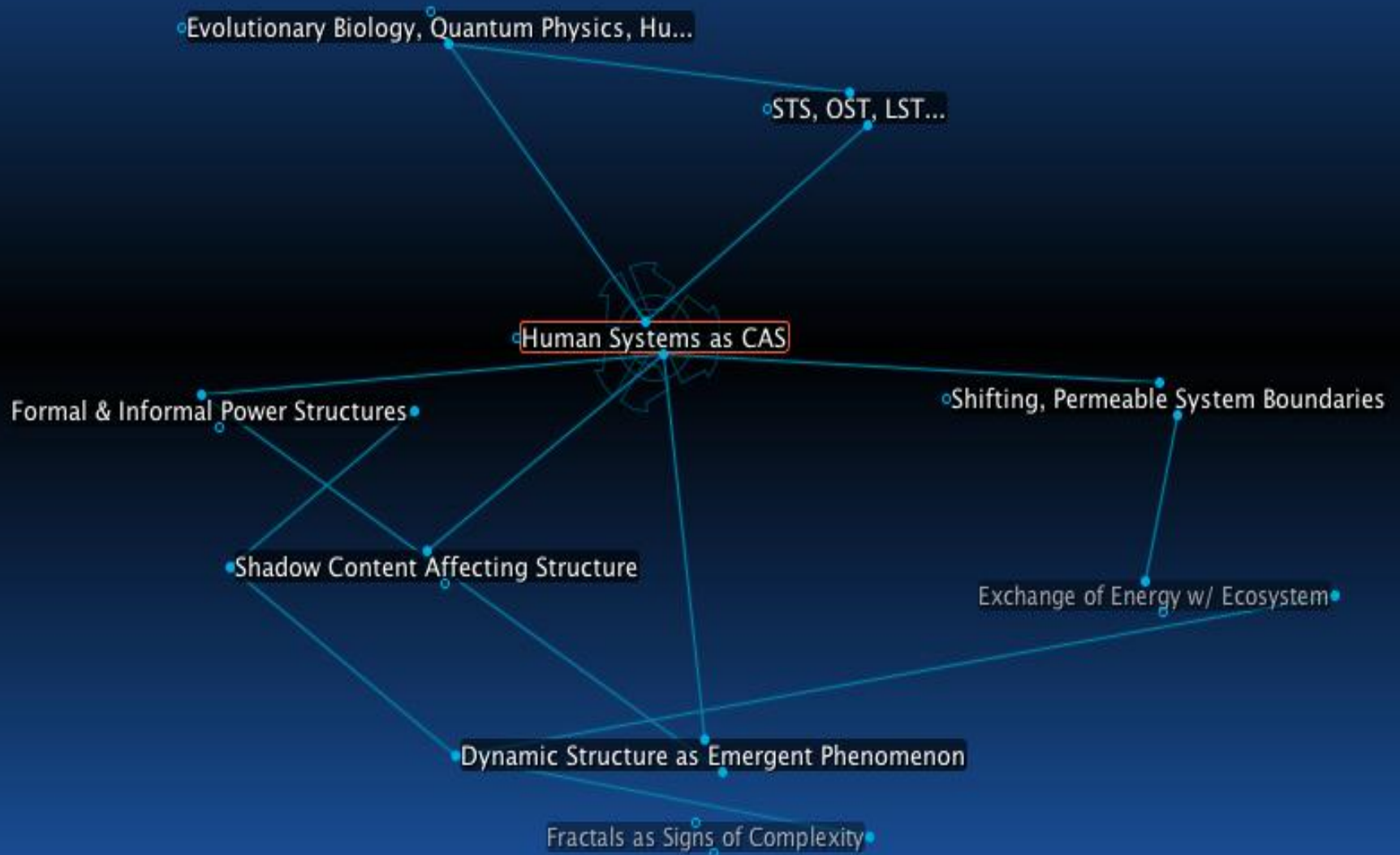
# Fitness Landscapes youtube



Reinventing Reductionism –  
in Humanist-Secular  
YouTube

# Ontological Strategy Theories

# Mind Map of Concepts





# Q-OST Research Methodology

Intuitive  
Comprehension

Identifying Subjects

Grand  
Tour of  
Databilities

Round 1 Interviews: Seeking Ontic Fractal Patterns

Round 2 Interviews: Seeking Ontological Meaning

Storytelling  
Ontological  
Analysis

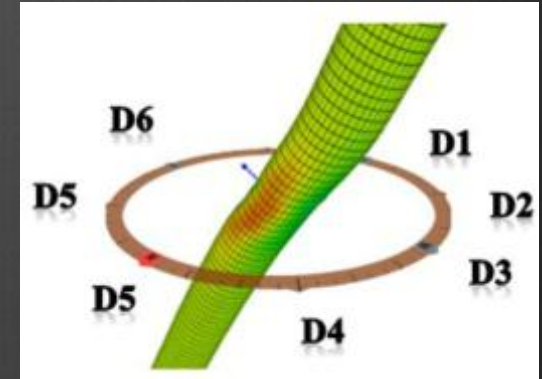
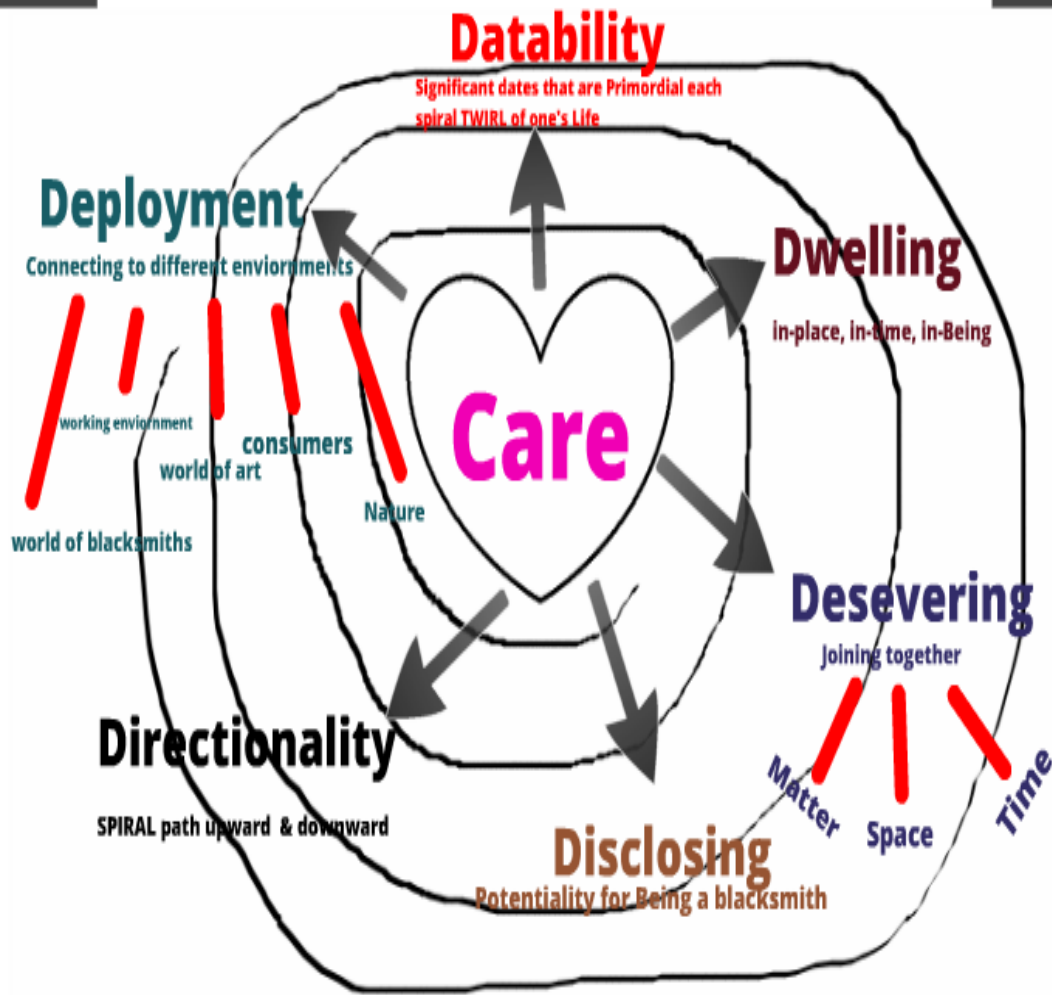
Focus Group: Collective Validation

Final  
Analysis

Deeper  
Understanding

# The D's of Ontological Storytelling

## QUANTUM STORYTELLING



# Interview Questions

Question	Purpose
Tell us about a day in the life of Ferronnerie d'art?	Background, context
Tell us about the future-direction your metal art processes are headed? Tell us the significant dates in the development of your production processes? Tell us about the duration of various processes, and the threshold changes?	Understand future and the past influences on the motions of the present
How is the future of the art processes disclosing itself to you, being revealed, unconcealed?	Understand ontology of the future arriving
How is the destining of Ferronnerie d'art unfolding in ways you can fore-tell, fore-care, fore-structure, fore-conceive, fore-have?	The choices made within destining
Tell us about your place (dwelling-in) the world of Ferronnerie d'art?	Place of Being-in-the-world of Ferronnerie

# Interview Questions

<b>How is the ancient alchemy of fire-water-air-earth integrating with the modern technological processes?</b>	<b>Account for important factors I may have missed</b>
How is quantum physics changing the processes of Ferronnerie d'art??	
How is the metal materiality changing?	
Tell us about the forces of down-draft into orbits of imitation and up-draft into wider orbits of innovation/freedom	
Tell us about the turning points in your Ferronnerie d'art, from down to up, or up to a plunge-down	
Tell us about ways the processes diverge into too many ways and how you consolidate or trim out?	
Tell us about eh ways you are drawn to imitate others or way you keep to your own path of innovation?	

# Potential Focus Group Prompts (part 1)

<b>Prompt</b>	<b>Purpose &amp; Temporal Orientation</b>
<ul style="list-style-type: none"><li>• <b>How did the network get to be the way it is? What is the history?</b></li></ul>	<b>Past: Considers the influence of history in CAS</b>
<ul style="list-style-type: none"><li>• <b>What kinds of patterns are apparent in your interactions? What do they tell us about what is going on?</b></li></ul>	<b>Past/Now/Future, potential longitudinal look: Explores the hypothesized link between fractal patterns and organizational adaptation</b>
<ul style="list-style-type: none"><li>• <b>What is going on that creates these patterns? Is there a process?</b></li></ul>	<b>Now: Considers the self-organizing processes at work</b>
<ul style="list-style-type: none"><li>• <b>What is the process like?</b></li></ul>	<b>Now: Considers the self-organizing processes at work</b>
<ul style="list-style-type: none"><li>• <b>How do you fit into the network? What is your role in these processes?</b></li></ul>	<b>Now: Examines caring, adaptation on an individual level</b>
<ul style="list-style-type: none"><li>• <b>Have things changed since you first got involved in this community?</b></li></ul>	<b>Past/Now, longitudinal look: Considers the network's dynamic nature and changes in the underlying processes as the ecosystem has changed</b>



# Antenarrative-Spiral

Into the 'Open' outermost orbit

Updraft of  
whole sphere

RIFT

Center-  
Downdraft

Plunging downward into  
the tighter-orbits on the  
edge of the Abyss

Into Oblivion

# From Newtonian to Quantum Age

	<b>RATIONALISM</b>	<b>EMPIRICISM</b>	<b>ONTOLOGY</b>	<b>Temporality</b>	<b>Spatiality</b>	<b>Materiality</b>
<b>NARRATIVE</b>	Subjectivism (mind over matter)	Subjectify the Objective into mind-objects	World is imaginary	Past->Present->Future Beginning-Middle-End	Universalism	Is illusion
<b>LIVING STORY</b>	Objectify (matter over mind)	Objectify the Subjective into relational-objects; what is measurable, is what IS.	Corporeality	Present is all there is; time is 4 <sup>th</sup> dimension of space	Space is a geometry of relationships among stakeholders	Objectify and Reify the living stories
<b>ANTENARRATIVE</b>	Antenarratives connect across GAP between Narrative and Living Story	Encounters disclose the concealed and unconcealedness of Life-World	Space-time-mattering of Being-in-the-World	Future->Past->Present or ordinary time of Past->Present->Future?	Many spaces are present including heart-space, Nature-space, equipment-space, work-space	Materiality and storytelling are intra-active, intra-penetrating
<b>QUANTUM AGE</b>	Quantum consciousness	Observer Effect; Double Slit Experiments	Nonlinear, curved space-time-mattering of relativity; and quantum experiments	Time is nonlinear; the future can arrive into the moving present	What appears solid, is mostly open space with movement forces	Non-locality of particle wave effects



# CONTINUE the Storytelling

- 1 Storytelling Organization – book Website & Lille websit <http://peaceaware.com/lille/>
- 2 Attend sc'MOI in Standing Conference for Management & Organization Inquiry <http://scmoi.org>
- 3 QUANTUM PHYSICS OF STORYTELLING – is on line, do Google search for the new book
- 4 On line books, article copies & Vita <http://peaceaware.com/vita>