# **Consciousness Working Group**

#### **Working Team**

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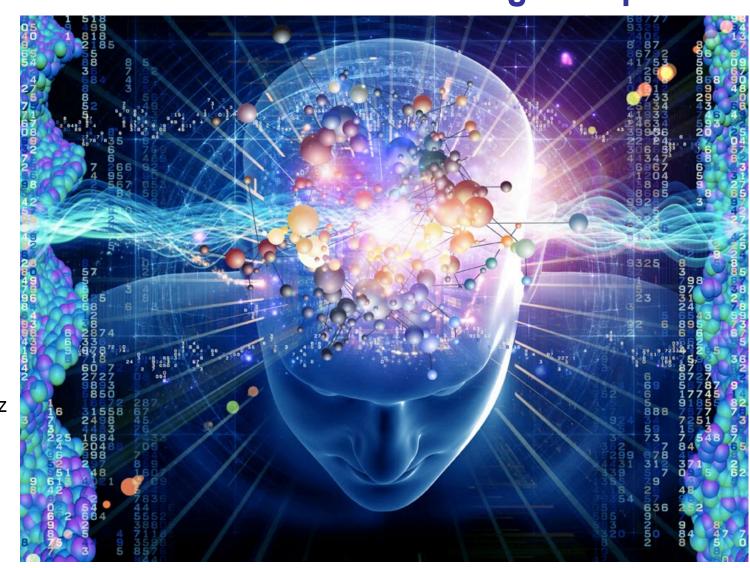
Nicolas K. Scholtes

Renske Vroomans

Tom McAndrew

Diego Barneche

18th Jun 2014



### Team Meeting agreements on 18th June 2014

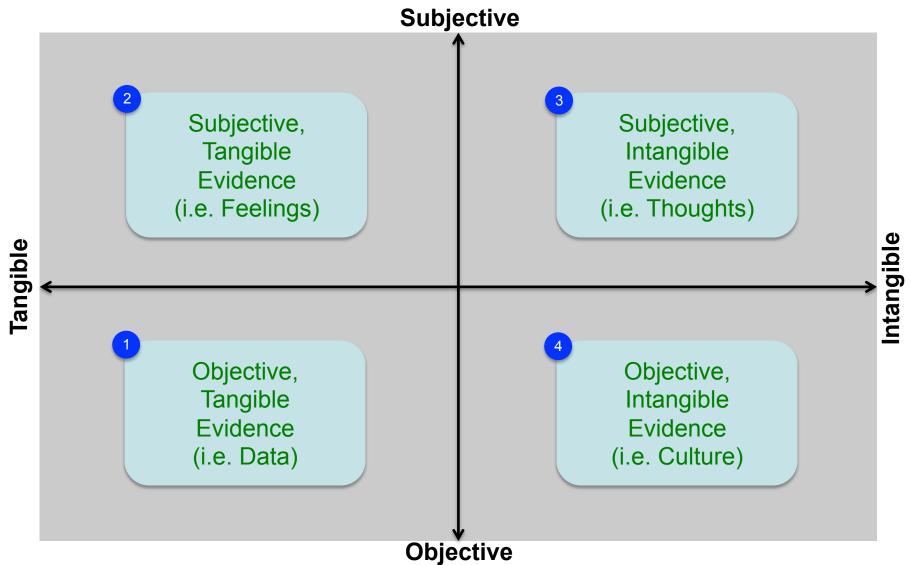
#### **Core Question:**

- Is consciousness an emergent phenomenon?
  - What type of systems may this emerge from?
  - What evidence is there from the literature?
  - What evidence is there across disciplines [later]?

#### **Actions:**

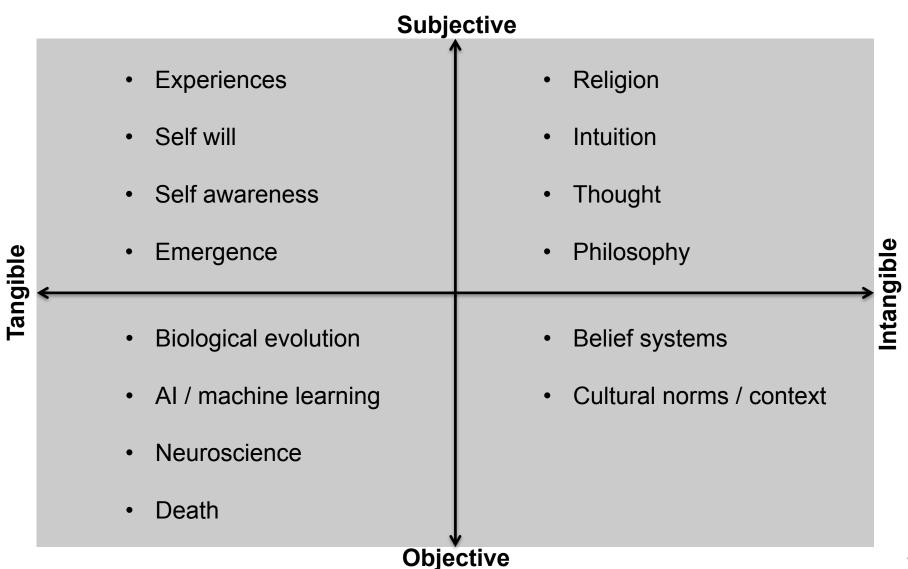
- Each team member Conduct a literature review
  - Review papers, review core assumptions, identify key insights
  - Bring results to the next meeting
  - Optional meeting for "check in" on Friday at SFI (15min over lunch)
  - Team meeting on Sunday at 8pm in Physics Lab

# One way of focusing consciousness discussions is to consider broad categories . . .



# As part of discussions the team considered a range of elements that may inform our views on consciousness

An early draft matrix was developed to capture wide ranging views



### There are other approaches that may also inform the work . . .

A few examples are given below – they represent alternative "lenses"

 Each lens may or may not inform the discussion and is provided s a thought piece

Examples Only **Collective** Living Consciousness that Consciousness that Universal Universal is fundamentally tied is fundamentally tied consciousness consciousness that to life esp humans to life esp humans that has continues to evolve Emergent where it reaches a where it evolves and always been and adapt Static maximum potential adapts Emer Bespoke Machine learning that Bespoke Machine learning that consciousness that continues to become consciousness that continues to become continues to evolve more and more only can reach a more and more refined and self fixed (maximum) and emerge refined and reached potential adaptive a maximum potential

Non-Living

**Autonomous** 

## **Key Papers have been reviewed . . . .**

Some [15] key papers have been reviewed across [fields] with common

Research Paper	Key Insights	Key Assumptions
Paper-1	•	• • • •
Paper-2	•	•
Paper-N	•	•
Paper-N	•	•
Paper-N	•	• • • •
Paper-N	•	•
Paper-N	•	•
Paper-N	•	•