

What should be at the center?

# Putting It All Together





## 1. Mimicking intelligence

Turing test, Chinese room argument

## 2. Synthesis

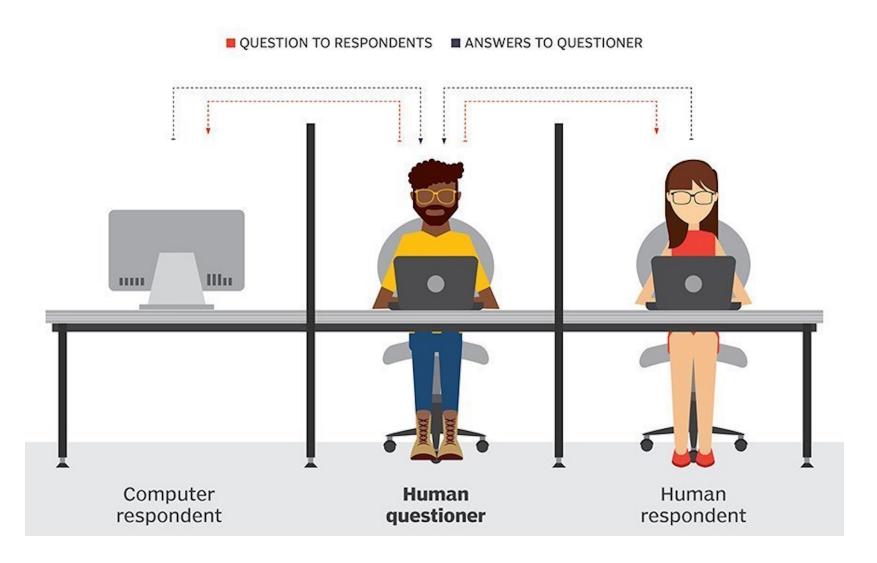
Social Neurocognition in one sentence

## 3. Outstanding challenges

Conceptual, methodological



#### **Turing test**



A blind interview test of human-like intelligence



#### Mimicking intelligence

# **Chinese room argument**



Executing a program does not equate understanding



## 1. Mimicking intelligence

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#### Social Neurocognition in one sentence

The human is a competition-mediated cooperation-bred culturally cognitive ape excelling at a frontotemporal lobe-supported conceptual ability to flexibly integrate potentially unrelated information as required for rapidly aligning thoughts and forging bonds with asymmetric conspecifics with whom they may share little to no experience or expertise and for which they have at their disposal no more than conventional yet still intrinsically ambiguous communicative behaviors



## 1. Mimicking intelligence

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## 2. Synthesis

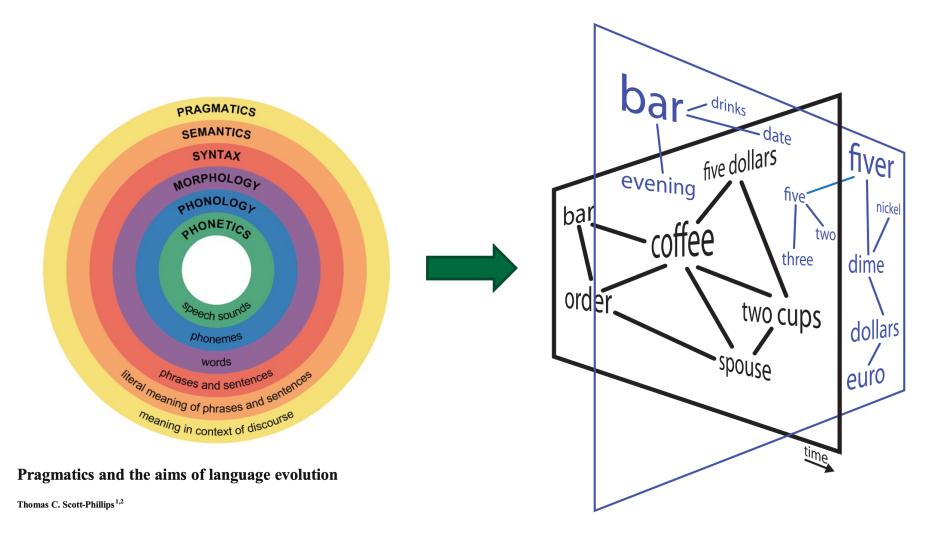
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## 3. Outstanding challenges

Conceptual, methodological



#### Conceptual



From linguistic types to contingently shared tokens



#### Outstanding challenges

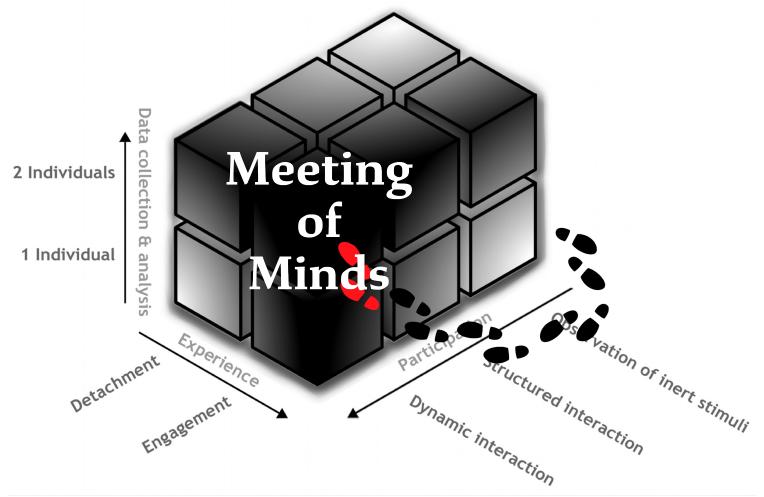
#### Methodological



From passive viewing to understanding within social interaction



#### The "dark matter" of social neuroscience



Adapted from Schilbach & Timmermans, 2013

PSYC 63: Experimental Study of Human Interaction

Coming to a classroom near you this Winter





PSYC 83: Neurobiology of Social Intelligence

Coming to a classroom near you this Fall



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# The scientific study of human interaction

Our interactions with others impact our relationships, our perception of the world, and our own mental health.

It is crucial that we develop a better understanding of how our minds interact.

At the Consortium for Interacting Minds at Dartmouth, we connect researchers worldwide, develop research tools, and train the next generation of scientists to study the interconnection of our minds. We aim to share this important knowledge with the public, as well as private industries, clinicians, and policymakers.



Thank you for your alignment

