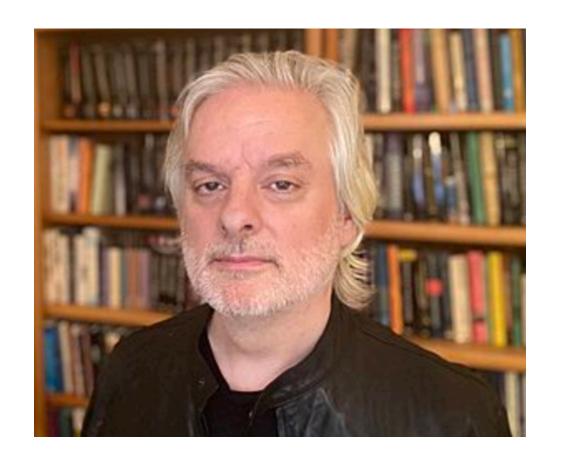


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## The Hard Problem

The "easy problems" of consciousness involve explaining cognitive and behavioral functions such as perception, memory, and decision-making through mechanistic or functional accounts.

"Hard Problem of Consciousness" refers to the challenge of explaining why and how physical processes in the brain give rise to subjective experiences (qualia): —the "feels like" aspect of being conscious.



David Chalmers introduced this concept in his 1995 paper: Facing Up to the Problem of Consciousness and expanded it in his book The Conscious Mind (1996).

## Consciousness vs. Brain

## General statements/perceptions about consciousness:

Intelligence\* >< Consciousness

The brain produces consciousness

The brain is like a (computational) machine

If we know precisely how the brain works, we will understand what consciousness is

Consciousness is another biological system

It is the *informational processes* that connect consciousness to the brain

## There's a LOT we don't know about in our "world"/universe

Mass

Electrical charge

Time

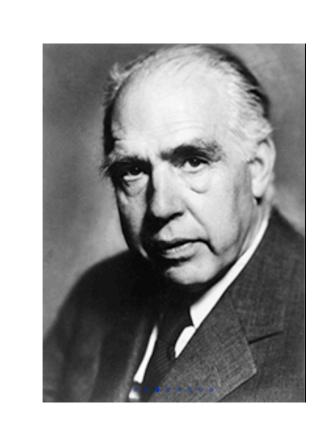
Gravity

. . . maybe consciousness is just another fundamental phenomenon

Niels Bohr said:



We must accept that the fundamental principle of the universe is consciousness and not matter!



It is the informational processes that connect consciousness to the brain

<u>Input</u>	Transmission		Output
Flash drive/ computer			Photo on screen
Consciousness —			Thoughts/ Memories