

The Adaptive Mind

Uncovering how the human mind adapts to ever-changing conditions

The human mind is perhaps the greatest mystery in science. Our goal is to explain the full richness of natural adaptive behaviour. Our perceptions, thoughts, feelings and action. Not just in the lab, but in everyday life.

In **The Adaptive Mind**, we measure and model how people see, think and act adaptively in open-ended conditions, and study the consequences for mental health when adaptive processes fail. This will not only transform our scientific understanding of how the mind works, but also help develop safe, robust and human-aligned AI and robotics systems.

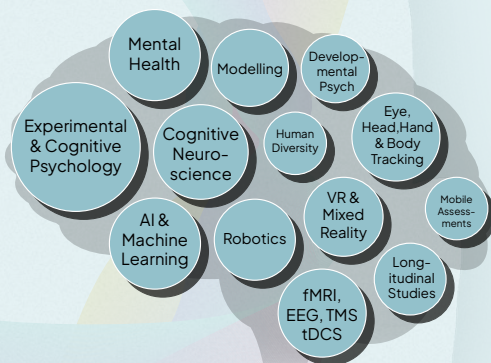
What is The Adaptive Mind?

An **Excellence Cluster**, funded by Germany's largest and most prestigious funding program

An **interdisciplinary collaboration** between leading researchers from Giessen, Marburg, Darmstadt & Frankfurt

An **opportunity** to take on grand challenges of science: the mind, mental health and AI alignment

Disciplines & Approaches



We combine **state of the art methods and approaches** from across the sciences of mind, brain and behaviour



>25

Principal Investigators
+ numerous research staff



Budget circa:

40M

Duration:

7 years



17

Prestigious ERC grants,
erc 2 Humboldt Professors
+ numerous awards

Research Key Areas

Our research program is organised around five **canonical computations** of adaptive behaviour

Regulation



Categorisation



Reciprocity



Causality



Prediction

