

The CSH Idea Factory

Simple principles of complex knowledge production

BIG DATA

We use a multitude of data from various sources

BIG QUESTIONS

Towards an understanding of how the whole works by knowing how its parts are interconnected

Research questions with the ultimate aim of tackling the 21st century's grand challenges

Comprehending the underlying networks

BIG THEORY

We use and develop new mathematics and statistics to better deal with Big Data and complex systems

FINDINGS

We gain scientific knowledge, new tools and methods, agent-based models for a deeper understanding of complex systems and their properties

Data-driven approaches

Novel perspectives resulting from our interdisciplinary mindset and institutional design

Thinking in "ands"

IMPACT

BENEFIT FOR SOCIETY

BIG TALENT

We hire and educate high potential (young) scientists

