

HUMAIN HUMAN behaviour and MACHINE INTELLIGENCE

HUMAIN is an interdisciplinary Joint Research Centre CAS (Centre of Advanced Studies) project aiming to understand the impact of machine intelligence on human behaviour, with a focus on cognitive and socio-emotional capabilities and decision making.



There are many fundamental **DIFFERENCES** between human and machine intelligence. There are serious questions regarding whether building humanlike intelligence is possible and desirable.



It is important to understand this interaction in **DECISION MAKING** and make machine useful to overcome human biases rather than incorporate them. This is particularly relevant if affecting human **WELFARE**.



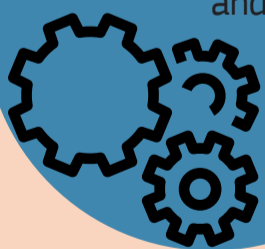
We need to **EVALUATE** what AI can do and will do in the future. Benchmarking strategies should be smart and transparent.



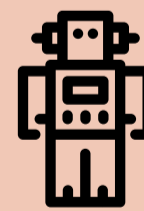
We need to move from a competition to a **COOPERATION** paradigm between human and machine intelligence, and consider that machine intelligence is **A PRODUCT OF HUMAN INTELLIGENCE**



We need **RESPONSIBLE** and **DIVERSE** teams to develop and be empowered with AI systems.



We need to research on AI systems that are fair, transparent and accountable, to be able **CHALLENGE** and **TRUST**.



We should study how AI affects our **COGNITIVE DEVELOPMENT**, specially in **CHILDREN**.



AI has a wide range of potential **AECONOMIC** implications, e.g. employment or income distribution. Policy should support positive and prevent harmful implications.



There is a need to establish adequate laws and policies that ensure AI systems are used **FOR** people's welfare.