

exist suitable approach research capture open comparing require

like problems probabilities tools approaches parallel often challenges alive large HPC systems

different e.g. understanding models

comes programming data

purpose problem result development help science process

Big future

subject London technology found

1 global 1 use

Narratives correctness

computations particular computers impact simulation program developed computation

high possible key people computing much social

World important present holds

Global therefore role big risks ways

one languages many governance instance

requires narratives needed Risk hope also

need decisions system economic

develop specifications architectures

perspective practical well conviction

semantics perspective

scalable fact must provide two used regard

faults. results

computer Data time complex

addressing uncertainty part

work hardware actors information state

financial become rather resources climate