Elements of a digital skillset for doctoral education

Stefania Milan
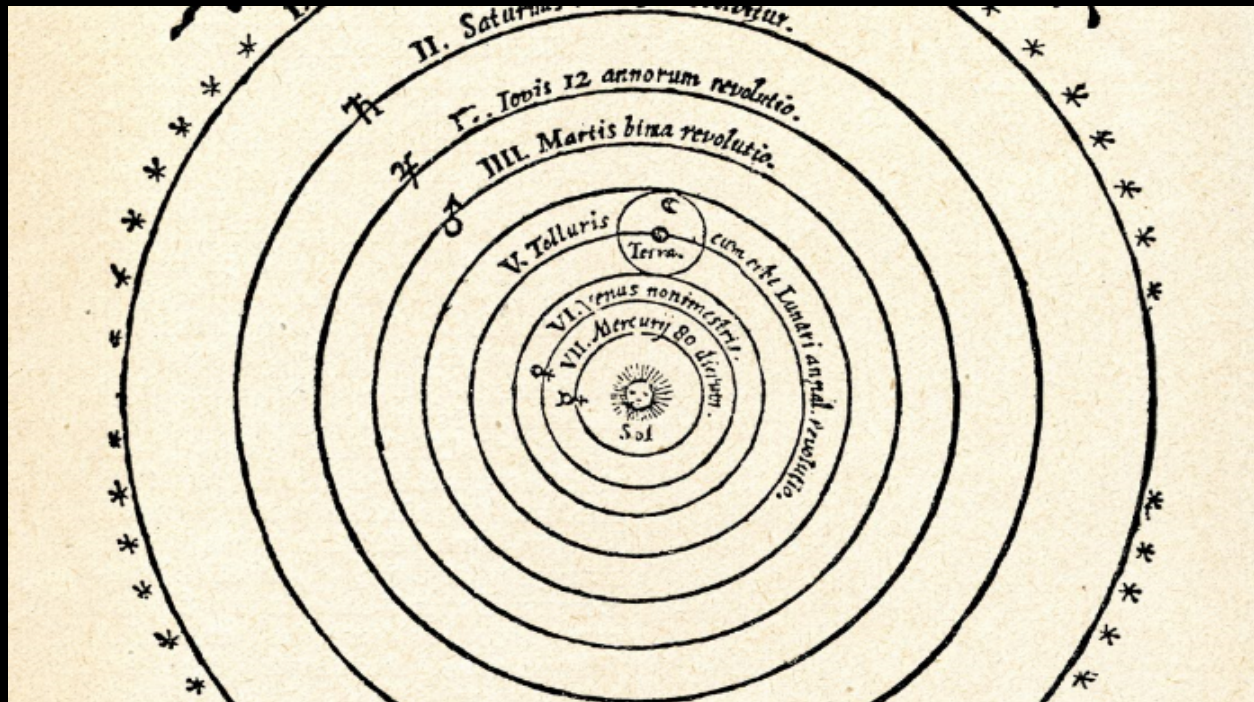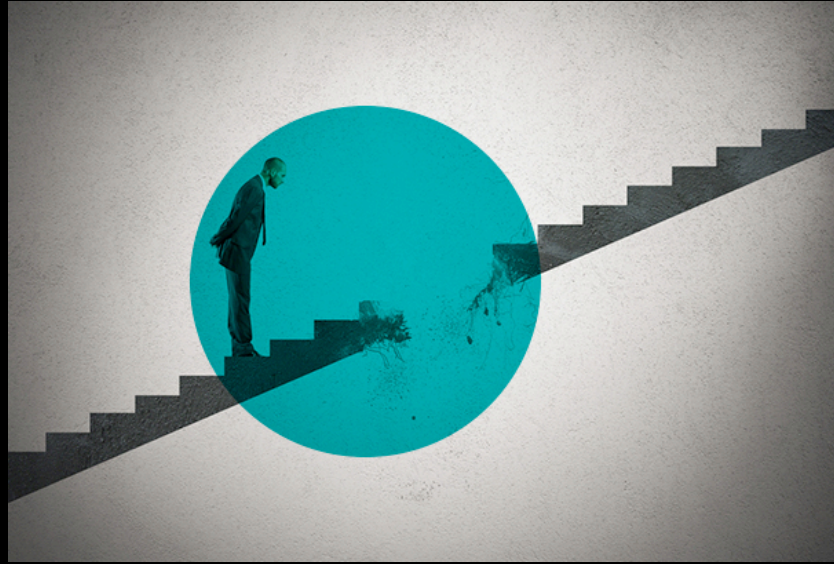
an epochal change

digitalization meets datafication

a fundamental paradigm shift

with ontological & epistemological consequences

disruptive innovation

cit. Christensen, 1997

i. research design & methods

rethinking research questions & methods

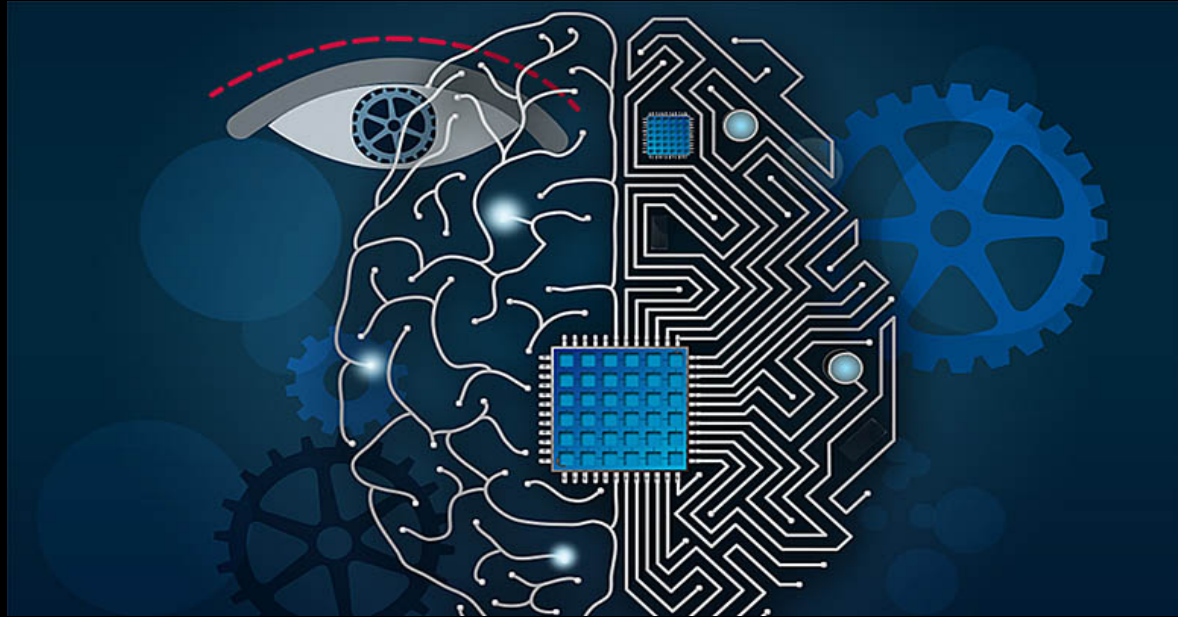interdisciplinary/frontier thinking

collaborations

ii. ethics

what is acceptable behavior?
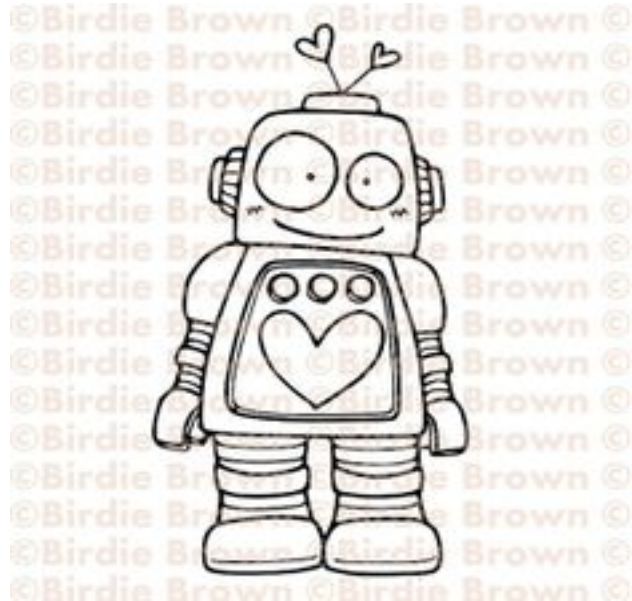where do we learn it?
how can we foster accountability?
do not harm

iii. security

of data and of people
adequate security practices & training
risks of existing infrastructure?

iv. networking & sharing

'tell the story'

'get on the map'

openness

… but the privatizaton of knowledge sharing?

iv. valorization & societal impact

vis-à-vis policymakers, industry, civil society
research data into points of intervention
'layman' audiences

training & mentoring

teamwork & hands-on

spaces of experimentation

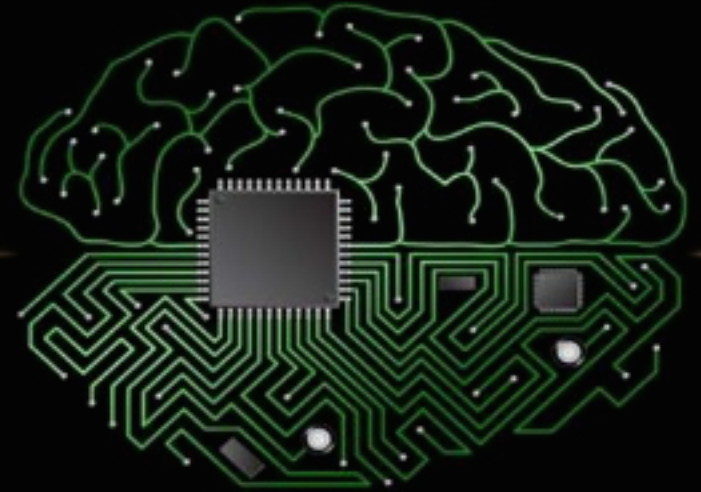raise the bar of the learning

think big

privilege and inequality

As the costs for running an increasingly 'digital' university are rolled off onto students…

are we talking about the digital with little concern about the social/cultural?

Thank you!
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Towards a digital skillset for PhD students

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