

Conceptual Engineering Online Seminar

**SPRING
2022
PROGRAMME**

The **Conceptual Engineering Online Seminar** is co-organized by the Department of Philosophy at the University of Zurich and the Arché Research Centre at the University of St Andrews. The meetings take place every Tuesday at 3-5pm BST/4-6pm CEST from March 29 to June 28, for a total of 14 sessions.

SESSION #02 | APRIL 5, 2022

SANDRA MITCHELL (PITTSBURGH) | “Are Emergent Phenomena Real?”

A number of philosophers of science have defended the view that causation is the foundation of positing what is real. That is, we infer what phenomena exist from our experience and experiments. The stability of phenomena is what accounts for replicability of results from repeated experiments and convergence of results from different types of experiments. If replication fails or experimental results diverge then the reality of the phenomenon is doubted. These arguments depend on assumptions about the reliability of detection procedures as well as the stability of real phenomena. I will argue that dynamical emergent phenomena, by which I mean system level properties and structures that arise from and are maintained by interactions both among components of the system and with environmental features, present challenges for the standard inference from replication and convergence to realism.

ZOOM DETAILS
ID: 632 3422 0568
Passcode: CEOS22

YOUTUBE CHANNEL
[www.youtube.com/ConceptualEngineering](http://www.youtube.com/channel/UCconceptualEngineering)

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