

Workshop with Joseph Rouse – Byrne House, Wednesday 15th March 2023

Perspectives on Scientific Practice

Workshop organiser:
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We often think of science in a rather abstract, disembodied manner—as a collection of theories, for instance, or as a special method for gaining knowledge of the world. And yet science is also a human practice, carried out in a particular material and social context. This workshop will explore new ways of understanding scientific practice and consider their implications for the nature of scientific knowledge. The workshop will mark the visit of Professor Joseph Rouse (Wesleyan University) to Egenis, The Centre for the Study of Life Sciences. Professor Rouse is one of the world's foremost thinkers on scientific practice. His books include *Knowledge and Power* (1987), *How Scientific Practices Matter* (2002) and *Social Practices as Biological Niche Construction* (2023).

Lunch: 12.00-12.50

Introduction: 12.50-13.00

Session 1: 13.00-14.20

Sabina Leonelli and Rose Trappes – 'Niche-based Theories of Scientific Practice: A Scoping Survey'

Elis Jones – 'Coral Reefs and the Ecological Dimensions of Science'

Coffee break: 14.20-14.40

Session 2: 14.40-16.00

Stephan Guttinger – 'Intimacy and Transparency in Science'

Adam Toon – 'Mind in Practice'

Coffee break: 16.00-16.20

Session 3: 16.20-17.40

Astrid Schrader – 'Agential Realism Diffracted: Feminist Methods in STS'

Joseph Rouse – 'Philosophy of Scientific Practice as Radical Naturalism'