

**Richard Booth**

**Belief Change: Classic Results and New Developments**

In this talk I will give an overview of logic-based approaches to belief change, which is a highly interdisciplinary topic that overlaps the concerns of researchers in Artificial Intelligence, Philosophy of Science, Multi-agent Systems and Economics. Starting from the seminal work of Alchourron, Gärdenfors and Makinson from the mid-1980s, I will pass through the main landmarks in the development of the theory, touching on issues such as iterated revision and information change in epistemic logic. Then I will highlight some of the exciting new trends in the area, related, for example, to the exploration of belief change in different logics such as Description Logics, and with formalising notions of manipulability and trust in multi-agent belief revision.