

Jeremy Butterfield Fest

from **PHYSICS** to **META PHYSICS** and **BACK AGAIN**

6-7 FEBRUARY 2015
SATURDAY

09:00-09:10 WELCOME

INDISTINGUISHABILITY

CHAIR: STEPHAN HARTMANN

09:10-10:00 **FRED MULLER**
An Indiscernibility Parade of Discernible Giants, Dwarfs, and Everything In Between

10:00-10:50 **SIMON SAUNDERS**
The Gibbs Paradox

10:50-11:10 Break for Tea

ENTANGLEMENT & CAUSALITY

CHAIR: ERIK CUIEL

11:10-12:00 **JOS UFFINK**
A Partial History of Entanglement

12:00-12:50 **RICHARD HEALEY**
Local Causality and Relativistic Chance

12:50-14:10 Break for Lunch

EMERGENCE

CHAIR: JIM WEATHERALL

14:10-15:00 **FAY DOWKER**
On the Emergence of Time in Quantum Gravity

15:00-15:50 **KLAAS LANDSMAN**
Butterfield's Principle

15:50-16:10 Break for Tea

APPROACHING EQUILIBRIUM

CHAIR: STEVE WEINSTEIN

16:10-17:00 **CHARLOTTE WERNDL**
Applying Dynamical Systems Theory to Statistical Mechanics: Equilibrium & Its Existence

17:00-17:50 **CARLO ROVELLI**
Who is the Culprit of Past Low Entropy? The Micro-State or the Course-Graining?

17:50-18:00 Closing Remarks

18:00 Drinks and Goodbyes at The Eagle Pub