

CAUBIO – CAUSATION AND COMPLEXITY IN BIOLOGY AND BEYOND

International symposium, UMB, 18-20 October 2011

Ås, UMB campus, TF building, room TF102

Organised by:

CauSci – Causation in Science

UMB School of Economics and Business

Norwegian University of Life Sciences (UMB)



Tuesday 18 October

Chair: RANI LILL ANJUM

9:30-10:00 Coffee and welcome

10:00-11:20

JOHN DUPRÉ: Finding Causes in Biological Systems

11:20-11:35 Break

11:35-12:15

FRODE KJOSAVIK: Genetic Information and the Causal Parity Thesis

12:20-13:00

SVEIN ANDERS NOER LIE: Multicausality and the Combinatorial Puzzle

13:00-14:00 Lunch

Afternoon session

Chair: STEPHEN MUMFORD

14:00-14:40

DEBORAH OUGHTON: Ecosystem Changes at Chernobyl: A case study in causal complexity

14:45-15:25

ROGER KERRY: Causal Dispositionalism in Health Science

15:25-15:45 Break

15:45-16:25

THOMAS BØHN: Gene Ecology versus Reductionism in Biology

16:30-17:10

RANI LILL ANJUM: A Biologically Disposed Theory of Causation

The train to Oslo leaves at 17:34 from Ås station.

Wednesday 19 October

Chair: ROGER STRAND

09:45-10:00 Coffee

10:00-11:20

STEPHEN MUMFORD: Life, the Universe and Everything: Or, How complexity could emerge from simple causes

11:20-11:35 Break

11:35-12:15

ELIAS NÚÑEZ: Getting Around Reductive Physicalism: How Organization Matters

12:20-13:00

ELENA ROCCA: Reductionism and Context Simplification in Developmental Biology

13:00-14:00 Lunch

Afternoon session

Chair: RANI LILL ANJUM

14:00-14:40

THOR SANDMEL: Intentions and Causes - Why do I do what I do?

14:45-15:25

THOR EIRIK ERIKSEN: Waiting for an Explanation

15:25-15:45 Break

15:45-16:25

RONNY SELBÆK MYHRE: Evolution and the Neurodynamics of Consciousness

16:30-17:10

MAGNI MARTENS AND FINN TSCHUDI: Reflections on Causality: Traps and Challenges

18:30 DINNER IN OSLO

Thursday 20 October

Chair: STEPHEN MUMFORD

10:00-10:40

ROGER STRAND: Structure-Function Relationships Revisited

10:45-11:25

ANDREAS HÜTTEMANN AND MARIE I. KAISER: Dispositions and Causal Processes in Biology

11:35-12:15

FREDRIK ANDERSEN: From Phenomenon to Science

12:20-13:00

CAMILLA SVENSEN: Causal Complexity in the Organic Soup

13:00-14:00 Lunch

Afternoon session

Chair: ROGER STRAND

14:00-14:40

ABEL RUBEN AND ELIAS NÚÑEZ: Knowledge of Evolution and the Evolution of Knowledge

14:45-15:25

TERJE KVILHAUG: The Theory-Constructive Function of Metaphors in Biology

15:25-15:35 Break

Chair: RANI LILL ANJUM

15:35-16:15

HARALD MARTENS: The Informative Converse Paradox: Windows into the Unknown

Contact person: RANI LILL ANJUM

More information is found on:

www.umb.no/causci

