

**Knowledge management and the futures of our society**  
**Virtual Physiological Human 2014 Satellite Workshop**  
**September 8-9 2014, Medical Faculty MTS11, NTNU**

**Monday September 8**

**i. Setting the stage: Tragedy of the knowledge commons**

Rune Nydal, Sophia Efstathiou, Astrid Lægreid, Martin Kuiper 10:00 - 10:30

**iii. Ontologies and practical applicability (Chair: Martin Kuiper)**

Bernard De Bono: *Knowledge vs scale* 10:30 - 11:15

Stefan Schulz: *Realism vs pragmatism* 11:15 - 12:00

*Lunch* 12:00 - 13:00

**ii. Computers, reasoning and collaboration (Chair: Rune Nydal)**

Miguel Garcia-Sancho: *The database as a space of convergence: a history of the practices and professionals behind the first DNA sequence bank* 13:00 - 13:45

Martin Kuiper: *Augmenting the human brain* 13:45 - 14:30

Sophia Efstathiou: *Knowledge management as knowledge transformation* 14:30 - 15:15

*Coffee Break* 15:15 - 15:45

**iii. Discussion (Chair: Annamaria Carusi)** 15:45 - 17:00

**Tuesday September 9**

**i. Knowledge management and Validity (Chair: Astrid Lægreid)**

Tim Clark: *Scientific Reproducibility, the Web of Argument and the Web of Data* 09:00 - 09:45

Annamaria Carusi: *Scientific Community and eScholarship: A socio-philosophical perspective* 09:45 - 10:30

*Coffee Break* 10:30 - 11:00

**ii. Big science, social organization and Ethos (Chair: Sophia Efstathiou)**

Astrid Lægreid: *Knowledge management, systems biology and big science* 11:00 - 11:30

Rune Nydal: *Ethos of systems biology as big science* 11:30 - 12:00

*Lunch* 12:00 - 13:00

Roger Brent: *Is there anything that academic social scientists have to say about how science operates that scientists can use?* 13:00 - 13:45

**iii. Closing Discussion (Chair: Rune Nydal)** 13:45 - 15:00