

UNIVERSITETET I OSLO

**Det samfunnsvitenskapelige fakultet**

**PR-sak: 3/16**

**Møtedato: 6.10.16**

Til: Programrådet for ph.d.-programmet ved SV-fakultetet

Fra: Sekretæren

Dato: 26.09.2016

## **ORIENTERINGSSAK**

### **Endring i pensum for vitenskapsteorikurset**

Forskningsdekanen vedtok på fullmakt 17. juni 2016 å godkjenne endringer i pensumet til emnet *SV9101 Kurs i vitenskapsteori* høsten 2016. Vedlagt er pensum for våren og høsten 2016.

## VEDLEGG:

### Tidligere pensum

[SV9101 - Vår 2016](#)

## Syllabus and Recommended Readings

Candidates are expected to enjoy (and be puzzled by) reading the following before the start of the course:

- Bachelard, G. (2002/1938). *The formation of the scientific mind*. Ch 1. The idea of the epistemological obstacle (pp. 24-32). Manchester: Clinamen Press.
- Tranøy, K. E. (). Science and ethics: Some of the main principles and problems. In K. E. Tranøy, *The Moral Import of Science*. Essays on 70<sup>th</sup> birthday
- Yurevich, A. V. (2009). Cognitive frames of psychology: Demarcations and ruptures. *IPBS: Integrative Psychological & Behavioral Science*, **43**, 89-103.
- Valsiner, J. (2010). Why simple lessons from history are recurrently forgotten: The bubble of the “epistemic markets”. *Revista de Historia de la Psicología*, **31**, 1, 81-94.
- Valsiner, J. (maybe 2016). Beyond the three snares. *New Ideas in Psychology*

For wider meta-theoretical background the following is recommended:

- Cabell, K. R., and Valsiner, J. (Eds.) (2014). *The catalyzing mind: Beyond models of causality*. Vol. 11 of *Advances of Theoretical Psychology*. New York: Springer.

**BASIC IDEA:** The recommended literature to our encounters should be, in the ideal case, most relevant to your draft essay and/or PhD-project. The candidates are also more than encouraged to look at the other recommended texts from other disciplines—the goal of the essays for this “course” is the arrival at a publishable text on a relevant issue at the intersection of the Ph.D. project and general philosophy and sociology of science that could support the Ph.D. project as a published internationally valuable message in your field. Our encounters over the week are meant to facilitate your move to participation in solving the grand issues of science <> society <> knowledge relationships that continue to haunt us under the new conditions of information flows (“information noise”) and social organization of knowledge construction in the 21<sup>st</sup> century.

## PLAN OF JOINT WORK

Includes recommended background reading for the specific seminars

April, 18, 2016-- 0915-1030: **Jaan Valsiner**

Introduction: **Shared concerns of sciences about knowledge making: epistemological and social conditions for knowledge.**

Valsiner, J. (2012). *The guided science*. New Brunswick, NJ: Transaction [ch 2—The Axiomatic basis]

Asquith, P. (2000). Negotiating science: Internationalization and Japanese primatology. In S. Strum and L. Fedigan (Eds), *Primate Encounters*. Chicago: University of Chicago Press.

April, 18, 2016-- 1045-1230: **Roger Strand:**

**Why do we need philosophy of science?**

- Sardar, Z. (2011). *Introducing philosophy of science: A Graphic Guide*. London: Icon Books. The book is available from [Akademika Blindern](#).

April, 19, 2016-- 0915-1030: **Thomas Hylland Eriksen:**

**Philosophy of science and social anthropology**

- Leavitt, J. (2014). [Words and worlds: Ethnography and theories of translation](#). *Journal of Ethnographic Theory*, 4(2), 193–220.
- Hastrup, K. (1995). The ethnographic present: On starting in time. In K. Hastrup, *A passage to anthropology* (pp. 9-25). London: Routledge. The text is available in [Fronter](#).

April, 19, 2016-- 1045-1215-- **Sebastian Watzl:**

**Philosophy of science and neuroscience**

- Dupré, J. (1983). [The disunity of science](#). *Mind*, 92(367), 321-346.
- Roskies, A. L. (2008). [Neuroimaging and inferential distance](#). *Neuroethics*, 1(1), 19-30.

- Roskies, A. L. (2009). [Brain-mind and structure-function relationships: A methodological response to Coltheart.](#) *Philosophy of Science*, 76(5), 927-939.

April, 20, 2016-- 0915-1030: **Gunnar Colbjørn Aakvaag:**

### Philosophy of science and sociology

- Aakvaag, G. C. (2013). [Social mechanisms and grand theories of modernity - worlds apart?](#) *Acta Sociologica*, 56(3), 199-212.
- Bauman, Z. (2000). Emancipation (chap. 1). In Z. Bauman, *Liquid modernity* (pp. 16-52). London: Polity Press. The text is available in [Fronter](#).

April, 20, 1045-1215: **Jaan Valsiner:**

### Philosophy of science and methodology: the Methodology Cycle

- Kvale, S. (2003). [The church, the factory and the market: Scenarios for psychology in a postmodern age.](#) *Theory & Psychology*, 13(5), 579-603.
- Madsen, O. J. (2014). [Psychology oblivious to psychology: Some limits on our capacity for processing psychology in society.](#) *Theory & Psychology*, 24(5), 609-629.
- Valsiner, J. (2012). *The guided science*. New Brunswick, NJ: Transaction [ch 10—Pathways to methodologies]
- Valsiner, J. (2013). *Methodology in a new key*. Unpublished ms.

April, 20, 2016: 1315-1430—**Jaan Valsiner:**

### Philosophy of science and psychology: overcoming pseudo-empiricism in the multifaceted science.

Smedslund, J. (2016). [Why psychology cannot be an empirical science.](#) *IPBS: Integrative Psychological & Behavioral Science*, 50, 2 [published online in 2015 DOI 10.1007/s12124-015-9339-x]

Valsiner, J. (2012). *The guided science*. [ch 9— Levels of languages]

Valsiner, J. (2015). Generalization is possible only from a single case (and from a single instance). In B. Wagoner, N. Chaudhary and P. Hviid (Eds.), *Integrating experiences: Body and mind moving between contexts* (pp. 233-244). Charlotte, NC: Information Age Publishers.

April, 21, 2016: 0915-1030: **Raino Malness:**

### Philosophy of science and political science

- Elster, J. (2015). Explanation and mechanisms (chap. 1). In J. Elster, ***Explaining social behavior*** (Rev. Ed.) (pp. 1-22). Cambridge: Cambridge University Press. The text is available in Fronter [https://fronter.com/uio/links/files.phtml/1949102231\\$104375707\\$/Syllabus/Elster\\_Explaining+social+behavior.pdf](https://fronter.com/uio/links/files.phtml/1949102231$104375707$/Syllabus/Elster_Explaining+social+behavior.pdf).

April, 21, 2016: 1045-1215-- **Jo Thori Lind**:

### Philosophy of science and economics

- Friedman, M. (1953). [The methodology of positive economics](#). In M. Friedman, ***Essays in positive economics*** (pp. 3-16; 30-43). Chicago: University of Chicago Press.
- Fourcade, M., Ollion, E. & Algan, Y. (2015). The superiority of economists. <http://pubs.aeaweb.org/doi/pdfplus/10.1257/jep.29.1.89> > ***Journal of Economic Perspectives*, 29(1)**, 89-114.

April, 21, 2016: 1245-14.30—**Jaan Valsiner**:

### Discussion and Conclusions

- Valsiner, J. (2012). ***The guided science***. New Brunswick, NJ: Transaction [ch 4—Pathways to evidence]
- Smedslund, J., and Ross, L. (2014). Research-based knowledge in psychology: What, if anything, is its incremental value to the practitioner? . ***IPBS: Integrative Psychological & Behavioral Science*, 48**, 365-383.

## Nytt pensum

[SV9101 – Fall 2016 \(December 5-9, 2016\)](#)

# Syllabus and Recommended Readings

Candidates are expected to enjoy (and be puzzled by) reading the following before the start of the course:

Bachelard, G. (2002/1938). *The formation of the scientific mind*. Ch 1. The idea of the epistemological obstacle (pp. 24-32). Manchester: Clinamen Press.

Weber, M. (1958/1918). Science as a vocation. *Daedalus*, **87**, 1, 111-134.

Tranøy, K. E. (1988). Science and ethics: Some of the main principles and problems. In K. E. Tranøy, *The Moral Import of Science*. Essays on 70<sup>th</sup> birthday. London: Routledge.

Kuznetsov, B. G. (1975). The style and content of science. *Diogenes*, **23**, 44-65.

Popper, K. (1989). Creative self-criticism in science and in art. *Diogenes*, **37**, 36-45.

Joas, H. (2004). The changing role of the social sciences. *International Sociology*, **19**, 3, 301-313.

For wider meta-theoretical background the following is recommended:

Cabell, K. R., and Valsiner, J. (Eds.) (2014). *The catalyzing mind: Beyond models of causality*. Vol. 11 of *Advances of Theoretical Psychology*. New York: Springer.

**BASIC IDEA:** The recommended literature to our encounters should be, in the ideal case, most relevant to your draft essay and/or PhD-project. The candidates are also more than encouraged to look at the other recommended texts from other disciplines—the goal of the essays for this “course” is the arrival at a publishable text on a relevant issue at the intersection of the Ph.D. project and general philosophy and sociology of science that could support the Ph.D. project as a published internationally valuable message in your field. Our encounters over the week are meant to facilitate your move to participation in solving the grand issues of science <> society <> knowledge relationships that continue to haunt us under the new conditions of information flows (“information noise”) and social organization of knowledge construction in the 21<sup>st</sup> century.

## PLAN OF JOINT WORK

Includes recommended background reading for the specific seminars

December, 5, 2016-- 0915-9.45: **Jaan Valsiner**

Introduction: **Shared concerns of sciences about knowledge making: epistemological and social conditions for knowledge.**

- Valsiner, J. (2012). *The guided science*. New Brunswick, NJ: Transaction [ch 2—The Axiomatic basis]
- Asquith, P. (2000). Negotiating science: Internationalization and Japanese primatology. In S. Strum and L. Fedigan (Eds), *Primate Encounters*. Chicago: University of Chicago Press.

December, 5, 2016-- 10.00-11.30: **Roger Strand:**

**Why is philosophy of science and how can it be of use in our social sciences?**

- Sardar, Z. (2011). *Introducing philosophy of science: A Graphic Guide*. London: Icon Books. The book is available from [Akademika Blindern](#).

December, 6 , 2016—09.15-10.00: **Thomas Hylland Eriksen:**

**Social anthropology, its practices, and links with philosophy of science**

- Leavitt, J. (2014). [Words and worlds: Ethnography and theories of translation](#). *Journal of Ethnographic Theory*, 4(2), 193–220.
- Hastrup, K. (1995). The ethnographic present: On starting in time. In K. Hastrup, *A passage to anthropology* (pp. 9-25). London: Routledge. The text is available in [Fronter](#).

December, 6 , 2016—10.45-11.30: **Jaan Valsiner**

**The METHODOLOGY CYCLE: how philosophical thinking is needed in psychology**

Madsen, O. J. (2014). Psychology oblivious to psychology: Some limits on our capacity for processing psychology in society. *Theory & Psychology*, 24(5), 609-629.

Valsiner, J. (2012). *The guided science*. [ch 9— Levels of languages]

Valsiner, J. (2015). Generalization is possible only from a single case (and from a single instance). In B. Wagoner, N. Chaudhary and P. Hviid (Eds.), *Integrating experiences: Body and mind moving between contexts* (pp. 233-244). Charlotte, NC: Information Age Publishers.

December, 7, 2016-- 0915-1030: **Gunnar Colbjørn Aakvaag:**

**Fragmented and Critical? Some challenges for a practical philosophy of science of (Norwegian) sociology.**

- Aakvaag, G. C. (2013). [Social mechanisms and grand theories of modernity - worlds apart?](#) *Acta Sociologica*, *56*(3), 199-212.
- Bauman, Z. (2000). Emancipation (chap. 1). In Z. Bauman, *Liquid modernity* (pp. 16-52). London: Polity Press. The text is available in [Fronter](#).

December, 7, 2016-- 1045-1215-- **Sebastian Watzl:**

**Learning from the Brain: Philosophy of science, popular science, and real neuroscience**

- Dupré, J. (1983). [The disunity of science](#). *Mind*, *92*(367), 321-346.
- Roskies, A. L. (2008). [Neuroimaging and inferential distance](#). *Neuroethics*, *1*(1), 19-30.
- Roskies, A. L. (2009). [Brain-mind and structure-function relationships: A methodological response to Coltheart](#). *Philosophy of Science*, *76*(5), 927-939.

December, 7, 2016-- 13.00—13.45. **Thomas Schubert**

**What we need to change about the way we do quantitative empirical research: Replicability, confirmatory research, and new statistics.**

December, 8, 2016: 9.15—10.00-- **Jo Thori Lind:**

**Models and causality. The philosophy of science of economics**

- Friedman, M. (1953). [The methodology of positive economics](#). In M. Friedman, *Essays in positive economics* (pp. 3-16; 30-43). Chicago: University of Chicago Press.
- Fourcade, M., Ollion, E. & Algan, Y. (2015). The superiority of economists. <http://pubs.aeaweb.org/doi/pdfplus/10.1257/jep.29.1.89> > *Journal of Economic Perspectives*, *29*(1), 89-114.

December, 8, 2016: 10.45-11.30: **Raino Malness:**

**Philosophy of science and political science**



- Elster, J. (2015). Explanation and mechanisms (chap. 1). In J. Elster, ***Explaining social behavior*** (Rev. Ed.) (pp. 1-22). Cambridge: Cambridge University Press. The text is available in Fronter [https://fronter.com/uio/links/files.phtml/1949102231\\$104375707\\$/Syllabus/Elster\\_Explaining+social+behavior.pdf](https://fronter.com/uio/links/files.phtml/1949102231$104375707$/Syllabus/Elster_Explaining+social+behavior.pdf).

December, 8, 2016. 13.00-15.00—**Jaan Valsiner**:

## **Discussion and Conclusions**

- Valsiner, J. (2012). ***The guided science***. New Brunswick, NJ: Transaction [ch 4—Pathways to evidence]
- Smedslund, J., and Ross, L. (2014). Research-based knowledge in psychology: What, if anything, is its incremental value to the practitioner? . ***IPBS: Integrative Psychological & Behavioral Science, 48***, 365-383.