

The Role of Young Researchers in the 21st Century: Problems and Possibilities.
Ph.D.-course programme, November 6 – 10, 2006.

time	Monday 6 (aud. A)	Tuesday 7 (aud. M)	Wednesday 8 (aud. A)	Thursday 9 (Start in aud. A)	Friday 10 (aud. A)
9-12	Session 1 Welcome & presentation. Intro: STS & Phil.o.Sci	Session 3 Scientific Dishonesty	Session 5 Participants workshop	Session 7 Social Responsibility of Scientists: (a) Claus Montonen	Session 9 Participants' presentations
12-13	<i>Lunch</i>	<i>lunch</i>	<i>lunch</i>	<i>lunch</i> (shift to aud. M)	<i>Lunch</i>
13-16	Session 2 The objectivity of science: Finn Collin	Session 4 Instrumentalization of Science and Post-normal science	Session 6 Risk and Uncertainty: Valery Petrosyan	Session 8 (b) Responsibility in scientific advise: Anna Paltdam F. & Anne Mette Fruenlund A.	Session 10 Conclusions & beyond
17-19				<i>OBS: evening meeting</i> *)	

MONDAY

Session 1: Course introduction

9:15-10:00: Welcome notes: Presentation of course, teachers, participants, and course topics (CE, TBH, MWJ)

(coffee break)

10:15-11:00: Introduction to science studies: from philosophy via history to sociology. (CE)

(break)

11:15-12:00: The role of experiment in scientific research (MWJ)

Session 2: The objectivity of natural science.

13:15-13:30: Session intro: STS and constructivism (CE)

13:30-14:30: *Keynote*: In what senses can natural science be taken as objective? (Finn Collin, professor of philosophy, University of Copenhagen)

(coffee break)

14:45-15:15: Discussion

(break)

15:30-16:00: Intro-note for tomorrow (TBH)

TUESDAY

Session 3: Scientific Dishonesty

9:15-10:00: Intro-lecture: The norms of science and why they may break (TBH)

(break)

10.15-10.45: Discussions

(Coffee break)

11.00-11.30: Case-lecture: The cases of Jan Handrick Schön and Anders Pape Møller (???)

11.30-12.00: Discussions

Session 4: Instrumentalization of Science and Post-normal science

13:00-13.45 How to characterize norms of science: from CUDOS to PLACE (MWJ)

13.45-14.00 Discussions

(Coffee break)

14:15-14.35 *Participant presentation*: Morten Stilling: An example of conflicting norms in a Ph.D. Project.

14.35-14.50 Discussions

14.50-15.35 Modus 2 and post-normal science (TBH)

15.35-16.00 Discussions.

WEDNESDAY

Session 5: Group work and workshops

More to be announced during the course.

Session 6: Risk & Uncertainty

13:00-13.45: Introducing Ravetz, risks and postnormality (TBH)

(coffee break)

14:15-15:15: *Keynote*: Valery Petrosyan (Professor, the Department of Chemistry of the M.V. Lomonosov University, Moscow): [[title](#)]

(coffee break)

15:30-16:00: Discussion

THURSDAY

Session 7: Social responsibility of scientists (a)

9:15-10:00: What the social responsibility of scientists is (TBH)

(break)

10:15-10:30: Discussions

(coffee break)

10:45-11:45: *Keynote*: Claus Montonen (Chairman of INES, University of Helsinki): [[title](#)]

11:45-12:00: Discussions

Session 8: Social responsibility of scientists (b): Problems in scientific advise.

13:00-13:30 Participants' presentation

(break)

13:45-14.45: *Keynotes*: Anna Paldam Folker & Anne Mette Fruenlund Andersen: [title(s)]

(coffee break)

15:00-16:00: Discussion

*17:00 – 19:00 -- *followed by dinner* -- INES symposium with Valery Petrosyan: "Ethics Teaching in Chemistry for the XXIst Century."

FRIDAY

Session 9: Participant's presentations

9:00 i 12:00 [detailed plan will be announced during the course]

Session 10: final session.

- Participants presentations (*continued*)
- concluding lecture
- course evaluation