

Welcome to PhenCoCo

UL6, Dor24, 1.406

25.01.2014

PHENCOCO

PHENOMENOLOGY * COGNITION * COMPUTATION

History: Kick-Off: September 2013
Selfdefinition: Q4 in 2013

**Program for Q1: Cognition 25.01.14, 10-16,
DOR24, 1.406**

Computation 22.02.14 10-16, DOR24, 1.406
Phenomenology End of March

Future/ Aims: Documentation of Q1/14
Symposion postponed into Q3 or Q4/14
(earliest)

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“PhenCoCo”

The Idea

Guests and Speakers

Symposium

Organisational Issues

Today's Workshop

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“PhenCoCo” The Idea

Arguments for and against

- A computational foundation of cognition
- And the counterpart, phenomenologically understood cognition
 - And the “middle”, situated cognition: embodiment, enactivism etc.

A try to combine and/or compare approaches

- To detect and avoid methodologically transfigured conclusions
- Maybe arrive at a thesis, which might even be published.

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“PhenCoCo” Guests & Speakers

Among Our Guests, some already focus on

- Neurology
- Information Science & Technologies (theory & practice)
- Philosophy (Analytic Philosophy, Phenomenology, etc.)
- Physics

Other topics (any experts or interested are welcome anyway)

- Biology (a.o. Evolutionary Biology, Gene-Culture-Co-Evolution)
- Psychiatry
- More Physics

Hopefully, this will diversify and maybe even draw a connection to practice*.

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“PhenCoCo” Symposium

An additional **idea** or option

- To present the results of our work in form of a **symposium**
- including speakers who are already active and known in their fields
(For information on interested candidates, see README in Dropbox.)

- idea first popped into existence, when the HUG offered funding for a student-organised symposium

- No funding → postponed

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“PhenCoCo”: Organisational Issues

- Dropbox (For a new invitation please write to **ael@viom.net**)
- Website/ Online Platform (Forthcoming)
- Reader/Documentation
 - Recording
 - ❖ Reasons
 - ❖ Consent Issue
 - ❖ Pausing Regulation

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Today's Workshop 1: COGNITION

Content Introduction

- Presentation: Jens Schön herr “COGNITION“
- Collective discussion

Short RECAP of KICK-OFF Presentation:

“A Computational Foundation for the Study of Cognition”

by David Chalmers

→ Phenomenology should not be used as a method to explain cognition in a causal sense

→ Difference between psychological and phenomenological states

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Phenomenology (non-causal):

The organizational invariance of mental properties

Mental properties

(Chalmers, 1993/2012, S.11)



Psychological properties

- are concerned with what the mind does
- Are defined by their role within an overall causal system, by the pattern of interaction between different states

Phenomenal properties

- are concerned with what the mind feels
- Are unlikely to be defined by their causal role, to have a particular feel is not to perform
(Counter-Believers: Lewis & Armstrong)

“Dancing Qualia” argument (S.12):

Mental properties must be organizational invariants, it would be absurd if they weren't.

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End of Introduction

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Workshop 1

Presentation: COGNITION

Speaker: Jens Schönherr

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Content:

Introduction

Part I: Cognitive Sciences

Part 2: Cognition in Philosophy

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Content:

Part I: Cognitive Sciences

- The Cognitive Revolution
- Early 20th century Psychology: Behaviorism to Cognition
- Psychological Behaviorism
- Linguistics
- Artificial Intelligence (AI)
- Cognitive Psychology
- Neuroscience

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Part 2: Cognition in Philosophy

- Cartesian Dualism

 - Modifications of Cartesian Dualism

 - Parallelism, Occasionalism, Epiphenomenalism,

 - Emergence dualism

- Non-cartesian Dualism

 - Idealism

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Still Part 2: Cognition in Philosophy

- Materialism

 - Philosophical Behaviorism

 - Identity theory

 - (Psychophysical Identity, True physicalism, reductive materialism, mind-brain identity theory)

- Functionalism

- Interpretative Theories

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Still Part 2: Cognition in Philosophy

- Situated Cognition
 - Embodied Cognition & Enactivism
 - Embedded Cognition (Distributed)
 - Extended Cognition

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New Workshop Topics

- **Situated Cognition**
- **Neurolinguistics, cognitive linguistic**

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**Program for Q2: IV April Mind and Language
(Davidson, Tomasello)
V March Situated Cognition (**

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