

**PHILOSOPHY SEMINAR**  
**Multisensory Perception June 2015**

Instructors: Berit Brogaard  
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**Course Description**

In this seminar we will look at how auditory, tactile, gustatory and olfactory perceptual information enters the mind, how attention is used to select from available incoming sensory input, how new informational input is stored in and retrieved from memory, how sensory input and thoughts are processed to become communicable via language, and how implicit and explicit belief is transformed and expanded in reasoning processes outside of the visual-cognitive domain.

**Texts:**

All articles are available online or in the library database (these are subject to change)

- Susanna Siegel, Perceptual Content, Stanford Encyclopedia of Philosophy
- Eric B. Keverne (2002). The Nature of Smell. *Perspectives in Biology and Medicine* 45 (2):281-286
- Claire Batty, "What's That Smell?" *Southern Journal of Philosophy* 27 (2009): 321-348.
- Claire Batty, "Scents and Sensibilia," *American Philosophical Quarterly* 47 (2010): 103-118.
- Claire Batty, "What the Nose Doesn't Know: Non-Veridicality and Olfactory Experience." *Journal of Consciousness Studies* 17 (2010): 10-17.
- Claire Batty, "A Representational Account of Olfactory Experience." *Canadian Journal of Philosophy* 40 (2010): 511-538.
- Claire Batty, "Smelling Lessons," *Philosophical Studies* 153 (2011): 161-174.
- Louise Richardson (2013). Sniffing and Smelling. *Philosophical Studies* 162 (2):401-419.
- John Schwenkler (2013). Do Things Look the Way They Feel? *Analysis* 73

- (1):86-96.
- Matthew Fulkerson (2011). The Unity of Haptic Touch. *Philosophical Psychology* 24 (4):493 - 516
  - Matthew Ratcliffe (2011). What is Touch? *Australasian Journal of Philosophy* 90 (3):413 - 432
  - Matthew Fulkerson (2012). Touch Without Touching. *Philosophers' Imprint* 12 (5).
  - Mark Augath, Integration of Touch and Sound in Auditory Cortex.
  - Robert Pasnau (1999). What is Sound? *Philosophical Quarterly* 50 (196):309-24
  - James Van Cleve (2006). Touch, Sound, and Things Without the Mind. *Metaphilosophy* 37 (2):162-182.
  - Matthew Nudds (2001). Experiencing the Production of Sounds. *European Journal of Philosophy* 9 (2):210-229
  - Matt Nudds and Casey O'Callaghan, "Introduction: The Philosophy of Sounds and Auditory Perception", *Sounds and Perception: New Philosophical Essays*, 2009
  - Casey O'Callaghan, "Object Perception: Vision and Audition", *Philosophy Compass* 3(4): 803-829, 2008
  - Casey O'Callaghan, "Seeing What You Hear: Cross-Modal Illusions and Perception" *Philosophical Issues* 18(1): 316-338, 2008
  - Casey O'Callaghan, "Constructing a Theory of Sounds" *Oxford Studies in Metaphysics* 5, 2009
  - Casey O'Callaghan, "Lessons from Beyond Vision (Sounds and Audition)" *Philosophical Studies* 153(1): 143-160, 2011
  - Casey O'Callaghan, "Against Hearing Meanings", *Philosophical Quarterly* 61: 783-807, 2011
  - Casey O'Callaghan "Audible Independence and Binding" *Consciousness Inside and Out: Phenomenology, Neuroscience, and the Nature of Experience*, ed. R. Brown, Springer Studies in Brain and Mind, 2013.
  - Casey O'Callaghan, "Not All Perceptual Experience Is Modality Specific", *Perception and Its Modalities*, eds. Stokes, Biggs, and Matthen, Oxford University Press, forthcoming
  - Casey O'Callaghan (forthcoming). Speech Perception. In Mohan Matthen (ed.), *Oxford Handbook of the Philosophy of Perception*. Oxford.
  - The Perception of speech,  
<http://rstb.royalsocietypublishing.org/content/363/1493/917.full>
  - Roy A. Sorensen (2009). Hearing Silence: The Perception and Introspection of Absences. In Matthew Nudds & Casey O'Callaghan (eds.), *Sounds and Perception*. Oxford University Press
  - Stephen Andrew Butterfill (2009). Seeing Causing and Hearing Gestures.

Philosophical Quarterly 59 (236):405-428

- The Multisensory Perception of Flavor, [http://www.nstu.net/malika-auvray/files/malika-auvray-auvray\\_spence\\_2008\\_cc.pdf](http://www.nstu.net/malika-auvray/files/malika-auvray-auvray_spence_2008_cc.pdf)
- The effects of visual images on the perception of odor, [http://chemse.oxfordjournals.org/content/30/suppl\\_1/i244.full](http://chemse.oxfordjournals.org/content/30/suppl_1/i244.full)
- Perception of Intersensory Synchrony, <http://spitswww.uvt.nl/~vroomen/pubs/70.pdf>
- Vilayanur S. Ramachandran & Edward M. Hubbard (2003). Hearing Colors, Tasting Shapes. Scientific American (May):52-59
- Multisensory texture perception, [http://www.queensu.ca/psychology/lederman/Publications/Naumer\\_Kaiser\\_Multisensory\\_Texture\\_Perception\\_Chapter\\_12.pdf](http://www.queensu.ca/psychology/lederman/Publications/Naumer_Kaiser_Multisensory_Texture_Perception_Chapter_12.pdf)
- Barnett-Cowan M, Fleming RW, Singh M, Bühlhoff HH (2011) Perceived Object Stability Depends on Multisensory Estimates of Gravity. PLoS ONE 6(4): e19289. doi:10.1371/journal.pone.0019289

## **Course Requirements**

A 7000 words term paper on non-visual perception

## **Credit**

3 ECTS

## **Miscellaneous Rules and Regulations**

Incompletes (DL) are issued only in the event that such circumstances interfere with the completion of the coursework. Any form of cheating, including plagiarism, will result in a failing grade for the course and referral for the appropriate University disciplinary action.

## **Meeting Dates**

Subject to change:

Tuesday June 2, 2-4 pm

Wednesday June 3, 2-4

Thursday June 4, 2-4 pm

Wednesday June 17, 6-8 pm

Thursday June 18, 2-4 pm  
Friday June 19, 10-noon