

## **Title: Affordances and brain-body-environment systems**

### **The aim of the workshop:**

The aim of the workshop is to bring together a relatively small number of researchers working on several aspects of Radical Embodied Cognitive (Neuro)-Science, Heideggerian cognitive science, and self-organization of brain-body-environment systems more generally. The two central questions that we would like to pursue are: How can an organism be selectively open to only the *relevant* affordances in the environment, the ones that are in line with what matters to the organism and, in the human case, in line with socio-cultural practices? How can we fluidly switch between different relevant affordances when small aspects of the environment change? We would like to invite participants to take different perspectives on these questions such as: phenomenology of skilled action, neurodynamics of selective engagement with affordances, and the interplay of brain, body and environment over developmental and behavioral time-scales.

**Date:** October 8<sup>th</sup>, 2015, 10am-5pm

**Location:** CAP Meeting Room, 4124 Edwards 1, University of Cincinnati, Cincinnati, Ohio

### **Structure of the workshop:**

Presenters and participants are invited to read each other's papers beforehand. Each presenter will give a 5-minute introduction to the paper; the rest of the time is devoted to questions and discussion. Others are welcome to attend but reading the papers is highly recommended.

### **Registration:**

Attendance of this workshop is free, but registration is mandatory. There is limited amount of space and attendees are expected to read the papers in advance. If you want to attend, please send an e-mail to: [j.bruineberg@gmail.com](mailto:j.bruineberg@gmail.com)

### **Readings:**

The papers can be found [here](#).

### **Preliminary schedule<sup>1</sup>:**

10:00-10:45: Jelle Bruineberg, University of Amsterdam:  
*Self-organization, free-energy minimization and optimal grip on a field of affordances.*

10:45-11:15: Coffee break

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<sup>1</sup> The order of speakers might be subject to change. An up to date version of the schedule can be found in the Dropbox folder containing the readings.

- 11:15-12:00: Anthony Chemero, University of Cincinnati:  
*Breaking the Perception–Action Cycle: Experimental Phenomenology of Non-Sense and its Implications for Theories of Perception and Movement Science*
- 12:00-13:30: Lunch break
- 13:30-14:15: Eran Agmon, Indiana University:  
*The evolution and analysis of action switching in embodied agents.*
- 14:15-15:00: Randall D. Beer, Indiana University:  
*Information processing and dynamics in minimally cognitive agents*
- 15:00-15:30: Coffee break
- 15:30-16:15: Harry Heft, Denison University:  
*The Social Constitution of Perceiver-Environment Reciprocity*
- 16:15-17:00: Erik Rietveld, University of Amsterdam:  
*A Rich Landscape of Affordances*
- 17:00: Drinks