

# SENSING MEDIA

## RECONFIGURATIONS BETWEEN TECHNOLOGIES, BODIES AND ENVIRONMENTS

University of Siegen  
June 14-15, 2018  
Herrengarten 3  
Room AH 217-218

Ever more sensors surround us and attach to us. They populate smart devices, homes, factories, cars, and cities. They register, chart, and process bodies and environments, allowing for new modes of knowledge as well as forms of control. Sensor-based media capture and analyze human behavior in order to gain a better understanding of their actions and affects. It is therefore worth asking how sensor-based media reconfigure the relation between technologies, (human) bodies and environments. By focusing on the plethora of different sensors that transform devices into smart devices, homes into smart homes, and augment our environments to produce a non-human sensorium, the conference aims to map the contemporary modes of sensor-based sense-making which are deeply intertwined with the promise of the automation of labor, mobility, decisions and knowledge production. Framed as autonomous agents, assistants, companions or surroundings, sensor-based technologies *rely on* as well as *produce* continuous data streams that are captured, cleaned, combined, distributed, analyzed and acted upon. As a result, new modes of knowing, interacting and acting emerge between humans and these sensory environments. These will be explored in the conference by addressing a broad range of questions such as: What kinds of knowledge are made possible by the data gathered, processed and enacted through sensor-based media? What types of interaction are prescribed or made possible between humans and sensory environments? How is agency redistributed and experience reconfigured by sensor-based media? How are humans implicated in the processes of automated sense-making and action?

### Thursday, June 14, 2018

- 13:30-14:00 Welcome
- 14:00-15:00 Phase Media: Space, Time and Smart Objects  
James Ash
- 15:00-15:30 Coffee Break
- 15:30-16:30 Blind Spots  
Sam Hind

16:30-17:30 Drone Cartographies: The Operational Map  
Mark Andrejevic

17:30-18:00 Coffee Break

18:00-19:00 Intensive Milieus  
Marie-Luise Angerer

20:00 Dinner @ Brasserie

**Friday, June 15, 2018**

09:30-10:30 Environmental Aesthetics: Nature Writing with Sensor Technologies?  
Birgit Schneider

10:30-11:00 Coffee Break

11:00-12:00 Environment as Experiment in Sensing Technology  
Jennifer Gabrys

12:00-13:00 Lunch

13:00-14:00 Creative Methodologies for Mapping Data Flows and Infrastructure  
Fieke Jansen

14:00-15:00 The Instantaneous Past: On Body Images and Algorithmic Proximity  
Dawid Kasprowicz

15:00-15:30 Wrap Up

The conference is organized by the graduate school "Locating Media" in cooperation with the collaborative research center "Media of Cooperation". Participation is free. We however ask you kindly to register at [info@locatingmedia.uni-siegen.de](mailto:info@locatingmedia.uni-siegen.de)