



# AERIAL WAYS OF KNOWING

## SYMPOSIUM ON DRONES IN URBAN DESIGN AND ARCHITECTURE

The presence of drone technology affects several practices and knowledge disciplines. In the *Aerial Ways of Knowing* symposium, we wish to explore how drone technologies as method enables new ways of seeing and knowing within the field of urban design, architecture, landscape architecture. The symposium engages the potential of drones to give new insights in relation to mapping, planning, and transforming the build environment. We want to ask about how drone technologies afford new insights on three levels: How do drones connect with the **theories and conceptual frameworks** underlying urban design and architecture? This is for example the issue when the notion of 'volumes' and 'networks' in urban and architectural theory is connected to drones. We ask in other words, how drones work as 'epistemology engines' for the disciplines of the build environment. Secondly, we ask how drone technologies may offer new ways of mapping and making data by putting focus on drones as **method and methodology**. Here we are both interested in drones as enabling new visual vocabularies and representations, but also how drone data may be aggregated and related to other forms of data (from big data and AI at one end to qualitative, place-oriented mappings at the other). Thirdly, we want to address the ways in which drone data and mappings may interface with **practices and publics**. How are engineering companies, architectural studios, and municipalities applying drone data and representations to support their practice and planning? But also, how drone data and representation interfaces with the wider publics. What are the potentials for citizen science and co-creation of new forms of representation and knowing? Finally, we ask how 'drone knowledge' may facilitate some of the most important matters of concern related to climate crisis, refugee crisis, interspecies co-habitation, and other societal challenges. The *Aerial Ways of Knowing* symposium invites to reflect upon these matters of concern. We do this by inviting speakers across disciplines and fields of practice to create interdisciplinary dialogues about drone knowledge.

type / Symposium  
date / October 26 - 27, 2022  
organizers / Lea Louise Holst Laursen & Ole B. Jensen  
organization / Aalborg University  
department / Architecture, Design and Media Technology (CREATE)  
location / KOMPAS Hotel Aalborg

Participation is free of charge, but due to catering registration is necessary. Please register to [llhl@create.aau.dk](mailto:llhl@create.aau.dk)

# PROGRAM

## OCTOBER 26 / DAY 1

[12.00 - 13.00]	Lunch – registration needed
[13.00 - 13.15]	Welcome Ole B. Jensen and Lea Holst Laursen
[13.15 - 14.15]	Keynote speech: Paul Cureton (Senior Lecturer, Lancaster University): <i>Drones, New Design Ecologies and Aerial Futures</i>
[14.15 - 14.30]	Break
[14.30 - 16.00]	Short presentations (20 min + 10 min)
[14.30]	Kathrin Maurer (Professor, University of South Denmark): <i>The Aesthetics of Drones and Sensing the Earth</i>
[15.00]	Rikke Munck Petersen (Associate Professor, Copenhagen University): <i>Drone filmmaking as a sensorial and co-affective method for empathy and care</i>
[15.30]	Ole B. Jensen (Professor, Aalborg University): <i>The drone as an 'epistemology engine'</i>
[16.00 - 16.15]	Break
[16.15 - 17.00]	Plenary discussion Drinks & dinner

## OCTOBER 27 / DAY 2

[09.00 - 10.00]	Short presentations (20 min +10min)
[09.00]	Lea Holst Laursen (Associate Professor, Aalborg University) & Signe Hald (Research Assistant, Aalborg University): <i>Reading transforming landscapes – exploring drone imagery in site mappings</i>
[09.30]	Mark Phillip Phillipsen (Post-doc, AAU): <i>Mapping Danish Petlands using Drone-borne sensors</i>
[10.00 - 10.15]	Break
[10.15 - 12.00]	Workshop on potential research collaborations and common research agendas
[12.00 - 13.00]	Lunch