

# CS/IT BSc Projects

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## Ubiquitous Computing and Interaction



AARHUS  
UNIVERSITY  
DEPARTMENT OF COMPUTER SCIENCE

BACHELOR PROJECTS INTRODUCTION  
19 NOVEMBER 2020

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MARIANNE



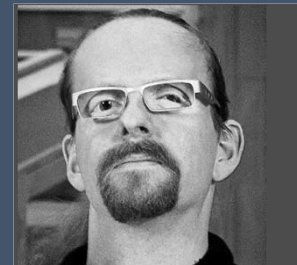
NIELS OLOF



KAJ



HANS



HANS-JÖRG



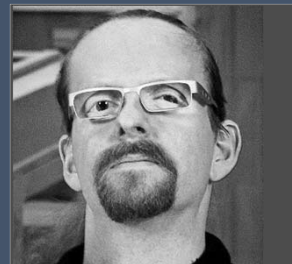
# [UBI-A] Communication Cues for Video Conferencing Systems



# [UBI-K] Seamless Music Streaming



- Transitions
  - Room to Room
  - Phone to Stereo
  - Playlist A to Playlist B
- Sensors for spatial, temporal, and social context



# [UBI-L] Office of the Future



## Interaction Techniques & Interactive Interiors for

- mixed meetings
- office@home
- shifting collaborations

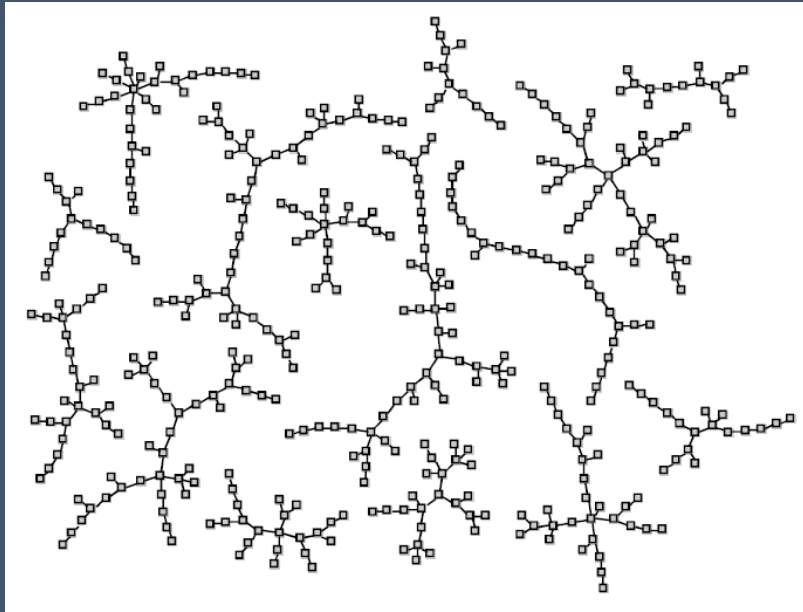


# [UBI-H] Vibrotactile Feedback for Visualization

- SteelSeries RIVAL 710
- Increase trust / sense of security when interacting with data visualizations



# [UBI-C] Reactive Polynomio Packing for Interactive Data Visualization



Extend current  
polynomio packing  
heuristics for

- dragging
- resizing
- rotating



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If you want to know more come to the information meeting right after or drop me an email at [hjschulz@cs.au.dk](mailto:hjschulz@cs.au.dk).