# COLLECTIVE GAIT WORKSHOP @NDSM

with Hackers&Designers
31/01/2020
<u>duration:</u> 3hrs (+ Borrel)
<u>number of participants:</u> 12-20 (expected, or more? let me know how many you think)
<u>equipment:</u>

- projector (to be connected to via HDMI) onto wall
- power plug
- wifi
- board to draw / blackboard + chalk / pens
- round stickers (3-5 cm radius) to write name on and stick onto chest
- +/- 5 large sheets of paper for smaller group work + thick pens
- chairs for all
- free space to walk ~ 10m in a straight line (maybe just outside your studio)
- general basics like water etc.

## Objective:

To unfold the relation between **human/body** and **technology** through hands-on exercises (Beta testing of tool), case studies and theoretical discussions with a focus on gait recognition technology. Summarise / end the workshop with a collective **statement, question, opinion, appeal or watchword** based on the discussions touched upon throughout the workshop.

## Projection during entrance:

background, before start of workshop, excerpt on loop, M. Python's "Ministry of Silly Walks": https://www.youtube.com/watch?v=F3UGk9QhoIw

————— start —————

## Intro (20-30 min):

- Touch-base / familiarise:
  - How does everyone feel today?
  - End of the week, evening?
  - appreciate joining of workshop
  - First time here at NDSM / H&D?
  - how does everyone feel about pictures being taken alongside workshop? If don't wish to be on photos please share with me / photographer
- Round of intros (keep short):
  - start with myself (basics, pronouns, what brought me here etc)
  - no obligations, each introduce as they feel comfortable with

- ○ pass around stickers to each tag name on chest
- Overview of workshop (3hrs):
  - ○ introduce goal / objective
  - ○ talk through structure (moments of group exercises, smaller group work, discussions / brainstormings, talk and final reflection)
  - ○ —> hang overview visibly somewhere as reference
  - ○ show breaks —> participants are free to suggest break anytime if needed
  - ○ also shortly name special guests, PhD who will give short talk throughout workshop
- Introduce and assign roles (tbc.):
  - ○ Facilitator (= host = me)
  - ○ Timekeeper (to check in on time and remind group to e.g. take break or finish section etc.
  - ○ Hands-up Tracker (to keep track of chronology top talk in group discussion)
  - ○ Documenter (taking notes of discussions, key points that were mentioned etc)
  - ○ if not yet decided, someone to take pictures (with phone)

————— 5 min break —————

## Basics (15 - 20 min):
*Familiarise with theme / contextualise*
- generate two word clouds based on associations (via mentimeter platform):
  1. "BODY" —> each participant can scan the projected QR to reach the site on which to enter any word they associate with "BODY"
  2. "TECHNOLOGY" —> same procedure as above
  3. —> look at both gathered associations:
     - what is our shared understanding of terms and their connection?
     - any words that struck specifically or seem absurd to some?
     - conclusion: vagueness of terms / or clear shared understanding
     - —> do we have a common language to talk about technology and body?

## Gait recognition part 1 (20 min):
- Quick refreshing exercise:
  - ○ all get up, clear space, so we can move
  - ○ walk around space, walk to different sounds (warm up)

- walk in different moods (happiness, sadness, fear, anger, in love, tired …)
- try to walk again 'normal' walk how you generally walk
- end exercise
- show videos of gait patterns in different emotional states

————— 5 min break —————

## Gait recognition part 2 (20 min):

- case studies to introduce positive and questionable points (e.g. authorship of studies —> male gaze of result interpretation in case of women gait when ovulating, *s. attached to mail*)
- 1-3 quotes of philosophers related to the intersection of body/technology and the above cited case studies (keywords: techno-politics, metadata, recognition tech, queer technologies, cyber-feminism) *—> maybe split into smaller groups, each discussing shortly one quote in relation to recognition technologies*
  - read out projected quote —> shortly discuss (3 min max): agree? any example to relate to? personal experience/case studies? Confused by quote? …
  - go through 1-3 quotes max.
- *+ presentation of PhD student? I don't know the content of his work yet so might have it separate / at another moment or not at all*

————— longer break ————— set-up motion capture tool

## Building Metadata (30-50 min):

- What is Metadata? —> Data about Data —> tags attached to containers of data —> raw gait patterns are data, the tag "happy gaits" or "sad gaits" are Metadata —> Metadata is the label / tag / subjective interpretation of received data originally by human decision, then learned by machines and finally automated —> draw out first diagram
- Generate Metadata:
  1. Lets choose collectively 4-5 different moods
  2. One by one (those who feel comfortable in it) can use tool to record and submit their interpretation of each mood
  3. —> start of data base on gait patterns / collective gait

## Final Round (30min):

- return to previously drawn diagram —> which actors / elements are missing?
- define all actors/elements engaged in body/technology relation: identity, body, technology, machine, data, ideology/subj. interpretation (group decides)

- —> split into smaller groups (3-5) —> each group try to make a diagram / visual representation / schematic / abstraction to represent the relation between body/technology (very quick, 10 min max)
- share each to group, explain why
- —> conclusion / summary / final note

————— byebye / borel —————