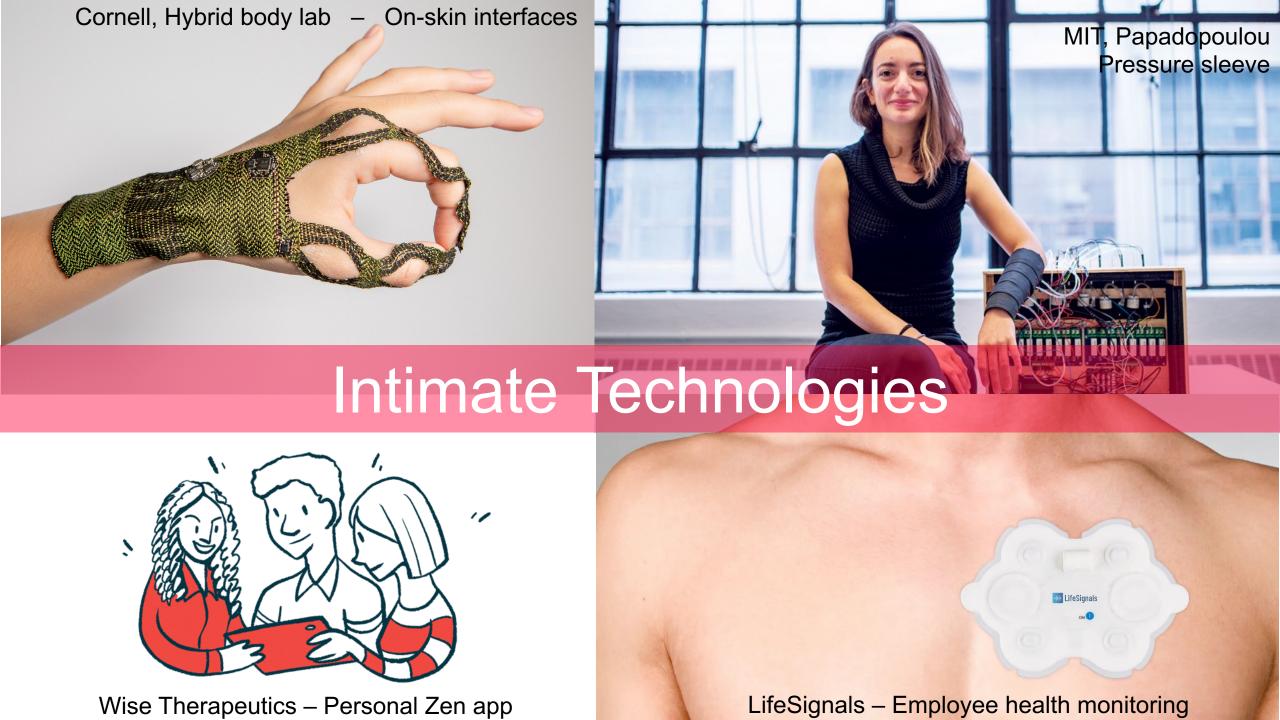


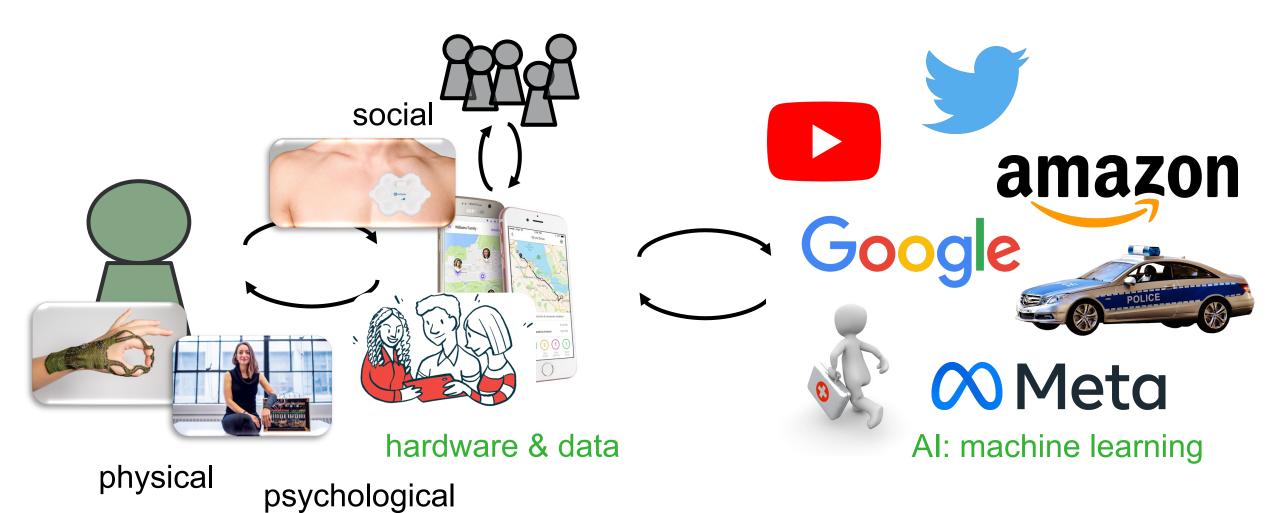
AI & I: ON PERSONAL VULNERABILITIES IN INTIMATE TECHNOLOGIES

SYMPOSIUM DECEMBER 2<sup>ND</sup> 2021, VULNERABILITY & HCI

M. BIRNA VAN RIEMSDIJK

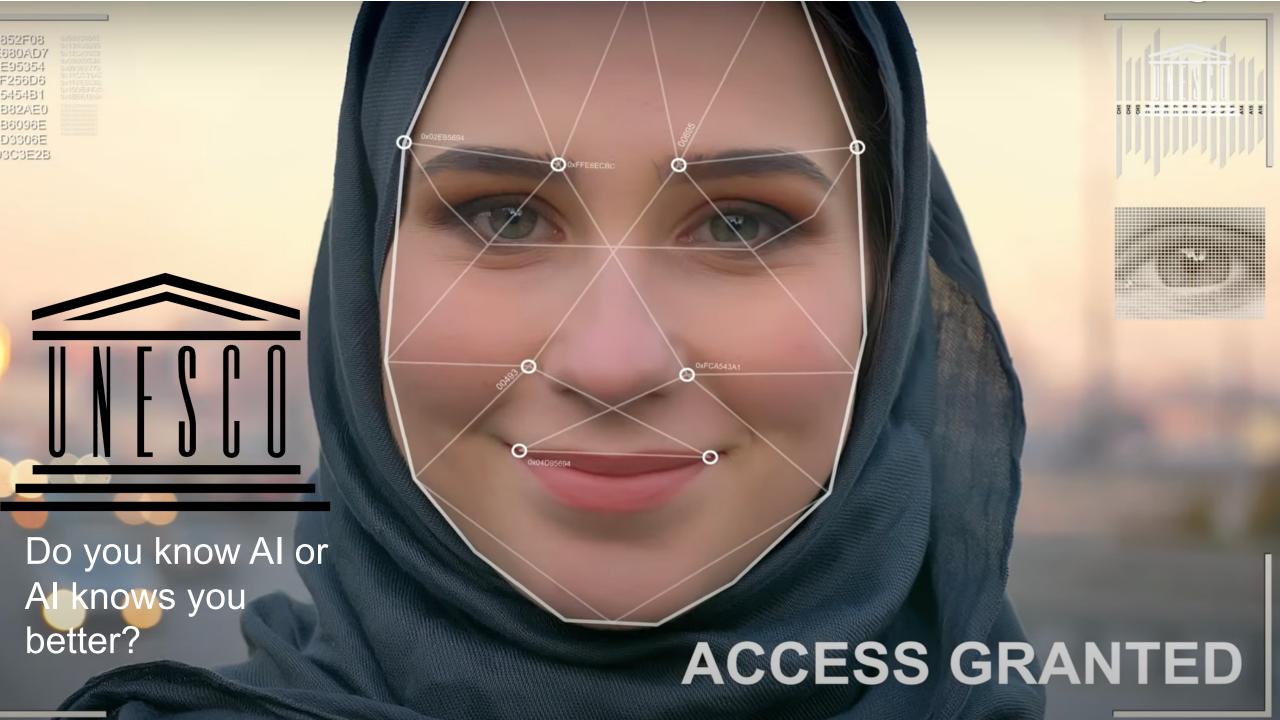
30 DECEMBER 2021





Intimate nature of technologies gives rise to novel human vulnerabilities that affect our identity

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## YUVAL HARARI WARNS HUMANS WILL BE "HACKED" IF ARTIFICIAL INTELLIGENCE IS NOT GLOBALLY REGULATED

"To hack a human being is to get to know that person better than they know themselves. And based on that, to increasingly manipulate you" Harari says.

'Yeah, we're spooked': AI starting to have big real-world impact, says expert

Prof Stuart Russell says field of artificial intelligence needs to grow up quickly to ensure humans remain in control

The upshot, he said, is that the algorithms manipulate the user, brainwashing them so that their behaviour becomes more predictable when it comes to what they chose to engage with, boosting click-based revenue.

Asimov's Three Laws Helped Shape A.I. and Robotics. We Need Four More.

A leading expert in the emergent field of A.I. law argues it's high time to update the three laws of robotics

be hardheaded here, because there's this burgeoning field of affective computing, which to me is, in so many ways, a prelude to manipulation and control of human beings by large corporations and governments through the mediating effects of technology. And we have to always keep our eyes

## ARTIFICIAL UNINTELLIGENCE

Ηοω Computers Misunderstand ୬୭ଉ the World

MEREDITH BROUSSARD





A SEASINI KANTATSA PILM

sundance









THE AGE OF SURVEILLANCE CAPITALISM

THE FIGHT FOR A HUMAN FUTURE AT THE NEW

SHOSHANA ZUBOFF

'Groundbroking magisterial... urmissable' FF



HOW BIG DATA INCREASES INEQUALITY AND THREATENS DEMOCRACY

"Fosonoting and deeply disturbing"



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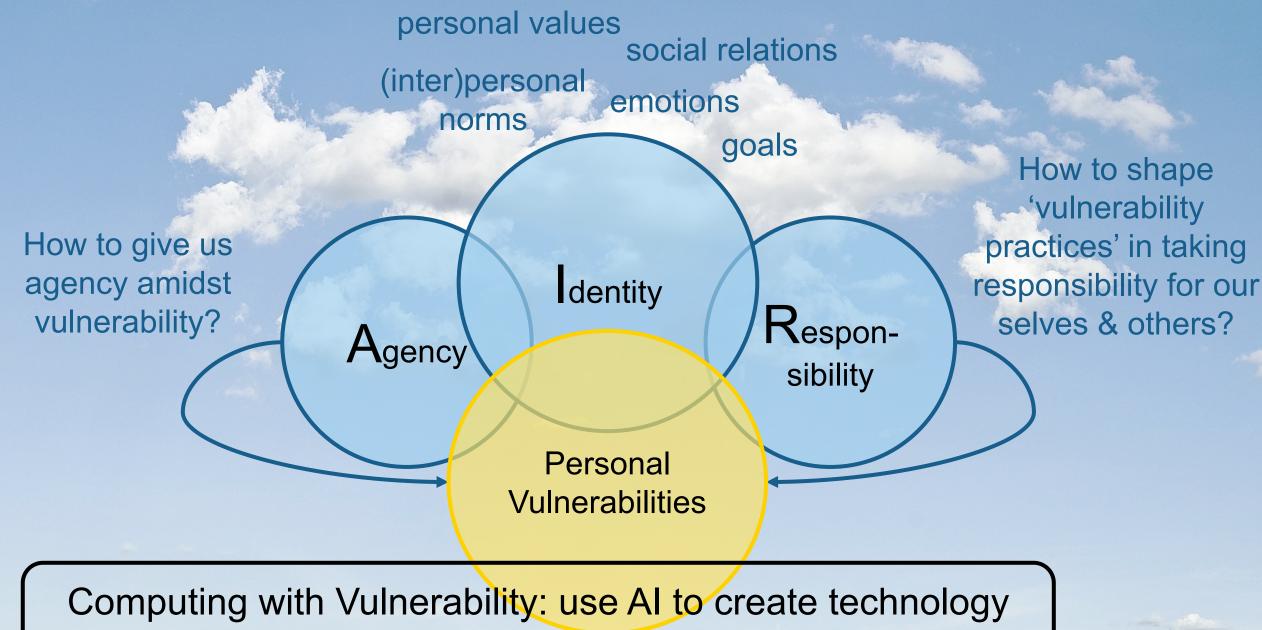
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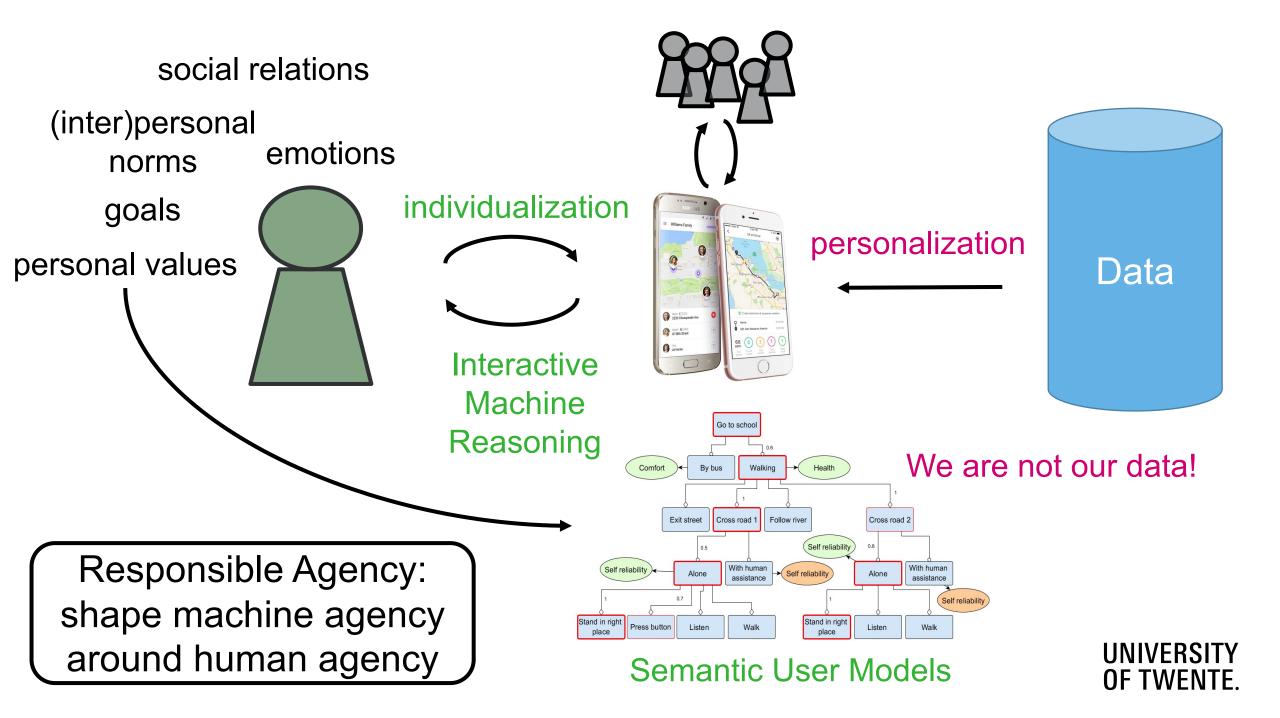
How do we want to shape our selves with and through intimate AI technologies?

Regulation for addressing manipulation



that can take into account personal vulnerabilities

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[conversation between me and a colleague shortly before 17:00 on Thursday]

B: could you work on the draft tomorrow? I can make a first version today.

C: no, I'd rather make the draft today.

B: I thought you don't work after 17:00?

C: yes, but today I had a long lunch break and tomorrow I have a day off.

B: ok, I need to take a break now, can you then make a draft and I finish it later today?

C.: ok.

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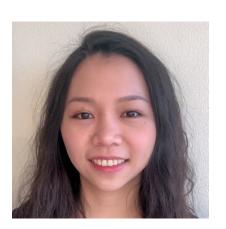
DIGITAL SOCIETY INSTITUTE







Dr. Myrthe Tielman



Pei-Yu Chen



Esther Kox



- Catholijn Jonker
- Dirk Heylen
- Marielle Stoelinga
- Pradeep Murukannaiah
- Michael Winikoff
- Victor de Boer
- Stefan Schlobach
- Peter de Vries
- José Kerstholt
  - Zdenek Mikovec



Ilir Kola





Loan Ho **Hybrid Intelligence** 



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