INTERNET OF THINGS & DATA-CENTRIC DESIGN

ABOUT
Designing mechanisms that enable Wi-Fi users to donate their data for research they value.

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INTELLIGIBILITY

Wi-Fi access data is a potential resource for science and research across many disciplines, as it makes possible to quantify behaviours and develop individual behaviour profiles. Examples of applications are the improvement of building energy management or emergency evacuation strategies. However, the privacy implications of this data are enormous and ill-understood.

How can individuals on campus provide meaningful consent to the collection and use of their data for research purposes?

Using Wi-Fi access data as a case study, the project uses a research-through-design approach to investigate how human activity data can be used ethically and responsibly in research.

PROJECT AIM
The aim of this graduation project is to explore, design and prototype mechanisms that enable users of a Wi-Fi network to access and control their Wi-Fi access data.

This project touches upon a range of subjects:

- Data interaction and control
- Data visualisation and Insights
- Data ethics

INTERESTED?
This project is best suited for IPD students with strong digital skills with interest in data visualisation and user interaction.

TU Delft
DESIGN FOR VALUES