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# UbiComp 2013 Data Collection Campaign

## Privacy Policy

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[ubidcc@wsn.tu-darmstadt.de](mailto:ubidcc@wsn.tu-darmstadt.de)

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### What is the UbiComp 2013 Data Collection Campaign?

The UbiComp 2013 Data Collection Campaign – UbiComp 2013 DCC for short – is an effort to collect a data set for research purposes. The goal of the UbiComp 2013 DCC is to gather mobility traces of individuals in indoor environments.

### Which data is collected?

The UbiComp 2013 DCC Android app scans regularly for visible Wi-Fi access points and Bluetooth devices and logs their identifiers (along with a timestamp). The data is stored on the phone first and offloaded to a remote server whenever a Wi-Fi connection is available. The identifiers of the Wi-Fi and Bluetooth modules are logged to identify a specific user. This data will never be linked to information that might reveal the identity of the user like, e.g., her e-mail address. More details about the collected data are reported below.

### When is the data collected?

The UbiComp 2013 DCC will run during the whole UbiComp 2013 conference. However, data will actually only be recorded during the official “conference hours” – from the start of the registration until the end of the last session of each day. The rest of the time the UbiComp 2013 DCC app just sleeps. You can of course manually suspend all tracking at any time, directly in the app.

### What do you plan to do with the data?

We want to analyze individuals’ and groups’ “micro-mobility” behavior. Our plan is also to make the data publicly available. Also, those who will help us with the collection by installing the app will get “early access” to it – as soon as we have done the initial clean-up of the data. The only catch is that we ask you to leave the app running for at least 40% of the conference hours for this.

### Can participants to the UbiComp 2013 DCC suspend their participation or require the deletion of their data?

Participants can stop (and resume) data collection at any time during the data collection period. Participants that want their data to be deleted can issue a request to [ubidcc@wsn.tu-darmstadt.de](mailto:ubidcc@wsn.tu-darmstadt.de) to do so.

### Who are the organizers of the UbiComp 2013 DCC?

The UbiComp 2013 DCC is a joint project of the Wireless Sensor Networks Lab (WSN Lab) and Multimedia Communication Lab (KOM) of TU Darmstadt, Germany and of the Distributed Systems Group (DS Group) of ETH Zurich, Switzerland. The team is composed of Paul Baumann, Johannes Klaus, and Silvia Santini (WSN Lab), Björn Richerzhagen (KOM), and Wilhelm Kleiminger (DS Group).

Should you have any further questions please contact: [ubidcc@wsn.tu-darmstadt.de](mailto:ubidcc@wsn.tu-darmstadt.de).

More information: [www.wsn.tu-darmstadt.de/ubidcc](http://www.wsn.tu-darmstadt.de/ubidcc)

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## Appendix A: Detailed list of data collected by the UbiComp 2013 DCC app

The app collects every 20 seconds Bluetooth and Wi-Fi scan information. Furthermore, user is asked to fill out an initial questionnaire. After collecting enough sensor data (at least 40% of the conference hours) user will get the chance to register herself in order to get a priority access to the whole data set as part of the reward program.

The following information will be stored:

Bluetooth attributes of the found devices:

- MAC addresses of the found devices
- Timestamp of the performed scan
- Names of the found devices
- Signal strength

Wi-Fi attributes of the found networks:

- MAC address
- SSID
- Security capabilities
- Signal strength
- Frequency

User questionnaire:

- Age
- Gender
- Scientists' role (student, post-doc, etc.)
- Academia or industry
- Own device ID
- Own Wi-Fi MAC address
- Own Bluetooth MAC address

Registration to get the collected data set (will be stored in a separate data set without any link to sensors data):

- Contact E-Mail address
  - Name (optional)
  - Affiliation (optional)
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