



Information for Research Participants

You are taking part in a scientific study organized by the University of Oulu. This notice describes how your personal data will be processed in the study.

Participation in the study is voluntary. There will be no negative consequences for you if you choose not to participate in the study or if you withdraw from the study. However, if you withdraw from the study, data collected prior to your withdrawal may still be used in the study. For more information on your rights and how you can affect the processing of your personal data, please see section 17 of this notice.

1. Data Controllers

University of Oulu

Address: PL 8000, 90014 Oulun yliopisto (Pentti Kaiteran katu 1, Linnanmaa)

Contact person in matters concerning the project:

Name: Harri Saarnisaari

Address: PL 8000, 90014 Oulun yliopisto

Tel.: +358294482832

E-mail: harri.saarnisaari@oulu.fi

Luleå University of Technology

Address: 971 87 Luleå, Sweden

Contact person in matters concerning the project:

Name: Karl Andersson

Address: 971 87 Luleå, Sweden

Tel.: +46 (0)910 585364

E-mail: karl.andersson@ltu.se

2. Description of the study and the purposes of processing personal data

Centre for Wireless Communications (CWC) research unit at the *University of Oulu* and *Luleå Technical University (LTU)* have started a joint Interreg Nord project called *Arctic 5G Test Networks*. One aim of the project is to collect examples and experience what poor connectivity means for daily life, school work, using e-services, using e-payments, business opportunities and where (which kind of environment) the problems occur in the arctic area. In the later phase of the project, some solutions will be demonstrated and the availability of solutions to the public will be enabled. By *poorly working connectivity* we mean, e.g., that you can see that

your mobile phone or modem is connected but the quality is so poor that voice and especially data connectivity (internet connectivity) fails to allow using digital services.

The purpose is to collect the aforementioned experience and report the findings to policymakers and stakeholders as well as publish in scientific articles. The outcomes will be used to show what kind of problems occur in a world that should be digitally equal.

The questions can be found at least in English, Finnish, and Swedish. Both select-all-that-match and write-in type of questions are included. Furthermore, also free comments are welcome. The questionnaire is open until autumn 2020. You don't have to answer all the questions but pick those that are relevant for you.

The questionnaire can be filled anonymously, and results are published so that a person cannot be identified. In case the respondent would like to be contacted later for possible further discussion, contact details can be left.

The collected data will be saved to servers at the University of Oulu and used for purposes of this research project and mentioned research groups.

3. Parties and their responsibilities in research collaboration

The organizations listed in section 1 of this notice are joint controllers in this study, meaning that they jointly determine the purposes and means of processing personal data. Each controller remains responsible for complying its obligations of controllers under the GDPR.

University of Oulu will collect and store the data as described in the previous section. The data will be shared between the joint controllers using secure working spaces such as Microsoft Teams that require user authentication. Both the University of Oulu and the Luleå University of Technology will analyze data, publish scientific articles and prepare reports and recommendations e.g., for policy makers.

Participants may make all requests concerning the rights of the data subject to the following contact person:

Name: Harri Saarnisaari
Address: PL 8000, 90014 Oulun yliopisto
Tel.: +358294482832
E-mail: harri.saarnisaari@oulu.fi

The contact person will communicate the request to the responsible joint controller or the joint controllers when necessary. The participant may also notify the contact person of a privacy breach. In such case the contact person will communicate the notification to the controller responsible of the breach, who will make the notifications to the supervisory authority and the data subjects according to the GDPR obligations, assisted by another controller when necessary.

4. Principal investigator or responsible research group

Centre for Wireless Communications (CWC) research unit at the University of Oulu (see contact details in section 3).

5. Contact details of the Data Protection Officer

You can contact the Data Protection Officer of the University at dpo@oulu.fi.

6. Persons processing personal data in the study

Researchers working in the Arctic 5G test network project at the University of Oulu and the Luleå University of Technology.

7. Name, nature and duration of the study

Name of the study: *Questionnaire about Arctic connectivity*

- One-time research Monitoring study/longitudinal study

Duration of the study – how long your personal data will be processed for this study: 2019-09-01 to 2022-08-31 (or the duration of the Arctic 5G Test Network project). Personal data will be removed after the end of the project.

8. Lawful basis of processing

Personal data is processed on the following basis, which is based on Article 6(1) of the General Data Protection Regulation:

- participant's consent
 compliance with a legal obligation to which the controller is subject
 performance of a task carried out in the public interest or in the exercise of official authority vested in the controller:
 scientific or historical research purposes or statistical purposes
 archiving of research materials or cultural heritage materials
 legitimate interests pursued by the controller or by a third party
 description of the legitimate interest:

9. Personal data included in the research materials

Participant's contact details name, email, phone number (voluntary), and demographic information.

10. Sensitive personal data

No sensitive personal data will be processed in the study.

11. Sources of personal data

Questionnaire.

12. Transfer and disclosure of the personal data to third parties

The personal data will not be transferred or disclosed to recipients outside the research group.

13. Transfer or disclosure of personal data to countries outside the EU/European Economic Area

The personal data will not be transferred or disclosed to recipients outside the EU/European Economic Area.

14. Automated decisions

No automated decisions are made.

15. Safeguards to protect the personal data

The data is confidential.

Protection of manual material:

Personal data processed in IT systems:

username password logging access control
 other:

Processing of direct identifiers:

Direct identifiers will be removed in the analysis phase
 The material to be analyzed includes direct identifiers. Reason:

16. Processing of personal data after the completion of the study

The research material will be deleted
 The research material will be archived:
 without identifiers with identifiers

Where will the material be archived and for how long: The personal data will be stored and archived on the servers of the University of Oulu until the end of the project. Personal data will be removed after the end of the project.

17. Your rights as a data subject, and exceptions to these rights

The contact person in matters concerning the rights of the participant is the person mentioned in section 3 of this notice.

Withdrawing consent (GDPR Article 7)

You have the right to withdraw your consent, provided that the processing of the personal data is based on consent. The withdrawal of consent will not affect the lawfulness of processing based on consent before its withdrawal.

Right of access (GDPR Article 15)

You have the right to obtain information on whether or not personal data concerning you are being processed in the project, as well as the data being processed. You can also request a copy of the personal data undergoing processing.

Right to rectification (GDPR Article 16)

If there are inaccuracies or errors in your personal data undergoing processing, you have the right to request their rectification or supplementation.

Right to erasure (GDPR Article 17)

You have the right to request the erasure of your personal data on the following grounds:

- a) The personal data are no longer necessary for the purposes for which they were collected or otherwise processed.
- b) You withdraw the consent on which the processing was based, and there are no other legal grounds for the processing.
- c) You object to the processing (the right to object is described below), and there are no justified grounds for the processing.
- d) The personal data have been unlawfully processed, or
- e) The personal data must be erased to comply with a legal obligation in Union or Member State law to which the controller is subject.

The right to erasure does not apply if the erasure of data renders impossible or seriously impairs the achievement of the objectives of the processing in scientific research.

Right to restriction of processing (GDPR Article 18)

You have the right to restrict the processing of your personal data on the following grounds:

- a) You contest the accuracy of the personal data, whereupon the processing will be restricted for a period enabling the University to verify their accuracy.
- b) The processing is unlawful and you oppose the erasure of the personal data, requesting the restriction of their use instead.
- c) The University no longer needs the personal data for the purposes of the processing, but you need them for the establishment, exercise or defence of legal claims.
- d) You have objected to processing (see details below) pending verification of whether the legitimate grounds of the controller override those of the data subject.

Right to data portability (GDPR Article 20)

You have the right to request to receive the personal data you have submitted to the University in a structured, commonly used and machine-readable format and have the right to transmit these data to another controller without hindrance from the University, provided that the processing is based on consent or a contract, and the processing is carried out by automated means.

When exercising your right to data portability, you have the right to have your personal data transmitted from one controller to another, where technically feasible.

Right to object (GDPR Article 21)

You have the right to object to processing your personal data, provided that the processing is based on the public interest or legitimate interests. The University will no longer have the right

to process your personal data unless it can demonstrate compelling legitimate grounds for the processing that override the interests, rights and freedoms of the data subject, or unless it is necessary for the establishment, exercise or defence of legal claims. The University can continue processing your personal data also when necessary for the performance of a task carried out for reasons of the public interest.

Derogating from rights

In certain individual cases, derogations from the rights described above in this section “Your rights as a data subject”, and exceptions to these rights may be made on the basis of the GDPR and the Finnish Data Protection Act, insofar as the rights render impossible or seriously impair the achievement of scientific or historical research purposes or statistical purposes. The need for derogations will always be assessed on a case-by-case basis.

Right to lodge a complaint

You have the right to lodge a complaint with the Data Protection Ombudsman’s Office if you think your personal data has been processed in violation of applicable data protection laws.

Contact details:

Data Protection Ombudsman’s Office (Tietosuojavaltuutetun toimisto)

Address: Ratapihantie 9, 6th floor, 00520 Helsinki

Postal address: B.O. Box 800, 00521 Helsinki

Tel. (switchboard): 029 56 66700

Fax: 029 56 66735

E-mail: tietosuoja(at)om.fi