

Title of the study

DETECTION OF SPECIFIC EMOTIONS

- *based on physiological signals regulated by the autonomic nervous system.*

Information about the study

You are being asked to take part in a research study. Before you decide to participate in this study, it is important that you understand why the research is being done and what it will involve. Please read the following information carefully. Please ask if something is unclear or if you need more information.

You will by participating in this study contribute with health data that later will be analyzed and processed. The types of health data that is being collected is listed below.

- GSR: Galvanic skin response
- Pulse measurements: ECG-measurements, PPG-measurements, RR-intervals and heart rates.
- Skin temperature.
- Motion-based activity by using an accelerometer.

You will also be asked about your age, weight and gender. You have the right to not specify or, for age and weight, specify an interval rather than the specific number.

The purpose of the study is to explore the possibilities of automatic emotion recognition solely by processing the health data described above. You will be watching several movie clips that will trigger different emotions while your physiological signals are collected. *We will therefore ask you to reconsider your participation if you have any conditions or are in a state that makes you sensitive to some types of film scenes.*

The research is primarily conducted by the Norwegian University of Science and Technology(NTNU) in cooperation with Otto-von-Guericke University Magdeburg, Germany. The data collection process will partly take place in Magdeburg following the same protocol as at NTNU. The collected data will be shared across the universities for further joint research.

All collected data will be de-identified. The collected data CANNOT be traced back to the individual participant.

Do not hesitate contacting a psychologist if you experience any type of mental health problems.

Sit Psykososial helsetjeneste

Tlf: +47 73 53 86 30

(mon. - Fri.: 08.30-11.30, 12.30-15.30)

Adr: Bregnevegen 65 7050 Trondheim

Declaration of Consent

for participation in the research study:

DETECTION OF SPECIFIC EMOTIONS

- *based on physical signals regulated by the autonomic nervous system.*

- I have been informed of the study. I have read the written information. I have had the opportunity to ask questions about the study. I have been able to think about my participation in the study, which is completely voluntary. I have the right to withdraw my consent and leave the study at any time without having to give a reason.
- I am aware and agree that my personal data as specified in the written information, may be used for the study.
- I am aware and agree that my de-identified data can be used for further scientific research both in Norway and abroad.
- I agree to participate in the study.