



**UNIVERSITY
of
GLASGOW**

INFORMATION SHEET

1. Study Title: **ECG recording in the signal processing lab (MSC/BENG/MENG)**

Investigator: Dr Bernd Porr

2. Invitation to record your own ECG: Before you decide, it is important for you to understand why the recording is being done and what it will involve. Please take time to read the following information carefully. Ask us if there is anything that is not clear or if you would like more information. Take time to decide whether or not you wish to take part.

Thank you for reading this.

3. Purpose of the ECG recoding: The electrical heart activity is called ECG and is a very important diagnostic tool for the doctor to find out if the heart is healthy. ECGs can be measured between the wrists and ankles of a patient as small electrical activity. The purpose of this study is to learn how to perform signal processing with small and noisy signals. Your ECG is the ideal signal because it is readily available and you will have your own ECG on the screen. In this lab you'll learn to work with medical signal which is an exciting area of engineering.

4. Do you have to take part?: Taking part in the research is entirely voluntary. It is up to you to decide whether or not to take part. If you do decide to take part you will be given this information sheet to keep and be asked to sign a consent form. If you decide to take part you are still free to withdraw at any time and without giving a reason.

Because not everybody feels comfortable with the ECG electrodes we ask you to form groups of two and then record ECGs from only one person.

5. Procedures: During the experiments 3 ECG electrodes will be attached to your wrist and ankles.

6. Possible Risks: There is no risk associated with this procedure.

7. What if something goes wrong?: As outlined above there is no identifiable additional risk involved in your participation in the study. If you are harmed by taking part in this research project, there are no special compensation arrangements. If you are harmed due to someone's negligence, then you may have grounds for a legal action but you may have to pay for it.

8. Publication of Results: We won't publish any recordings. They'll be kept in a closed moodle forum.

9. Who has reviewed this study?: This study has been reviewed and approved by the Ethics Committee of the Faculty of Biomedical and Life Sciences at the University of Glasgow.

10. Contact for Further Information:

If you would like further information, or if you would like to discuss any aspect of the study, please do not hesitate to contact the investigator listed below:

Dr Bernd Porr
University of Glasgow
Department of Electronics and Electrical Engineering
Room 519, Rankine Building, Oakfield Avenue,
Glasgow, G12 8LT

Thank you very much for considering participation in this study.

Subjects will be given a copy of the Patient Information Sheet and a signed Consent Form to keep.