



Faculdade de Engenharia da Universidade do Porto  
Departamento de Engenharia Informática  
Rua Dr. Roberto Frias, s/n 4200-465 Porto PORTUGAL

Tel.: +351 91 597 05 07  
Email: [joao.guerra@fe.up.pt](mailto:joao.guerra@fe.up.pt)

## PARTICIPANT INFORMATION SHEET

**Title: Smart Mobile Sensing for Measuring Quality of Experience in Urban Public Transports**

To participants:

My name is João Vieira, I am a MSc student in the Department of Informatics Engineering at Faculdade de Engenharia da Universidade do Porto. I am conducting research into affective ubiquitous computing for enhancing quality of experience in urban public transports in collaboration with Pedro Maurício Costa from the Imperial College London. We are investigating a new way to support people's decision of traffic means based on his/her emotional state and environment conditions. A smartphone application will be developed as an interface with the traveller. A part of exploring these ideas is involving potential 'ordinary' users in the design, usability testing and evaluation of the prototype application. In this study we are exploring design ideas that will better serve the general public.

You are invited to participate in our research and we would appreciate any assistance you can offer us, although you are under no obligation to do so.

Participation involves one visit to our laboratory at the Imperial College London, for approximately 20 minutes. If you agree to participate, you may be asked to perform a number of tasks using our application prototype. The scenarios and tasks will be fully explained. You will be asked to navigate through the prototype to accomplish the referred tasks. The activities you undertake and the time you spend working on each task will be digitally recorded together with synchronized video. You will be asked to fill in a short questionnaire to note your age, education level and existing experience with the tasks and technology and complete a short questionnaire on your experience. This is a test of the application; we are not testing you. If you find something difficult to use, chances are that others will as well. This test is simply a mean of evaluating the application's design and to discover any issues we need to address.

All the questionnaire information you provide and recorded data will remain anonymous and used solely by researchers inside this project. Your name will not be used in any reports arising from this study. The information collected during this study may be used in future analysis and publications and will be kept indefinitely. At the conclusion of the study, a summary of the findings will be available from the researchers upon request.



**FEUP**

Faculdade de Engenharia da Universidade do Porto  
Departamento de Engenharia Informática  
Rua Dr. Roberto Frias, s/n 4200-465 Porto PORTUGAL

Tel.: +351 91 597 05 07

Email: [joao.guerra@fe.up.pt](mailto:joao.guerra@fe.up.pt)

If you don't want to participate, you don't have to give any reason for your decision. If you do participate, you may withdraw at any time during the session and you can also ask for the information you have provided to be withdrawn at any time.

If you agree to participate in this study, please first complete the consent form attached to this information sheet. Your consent form will be kept separately from your questionnaire data so that no-one will be able to identify your answers from the information you provide.

Thank you very much for your time and help in making this study possible. If you have any questions at any time you can contact me ([joao.guerra@fe.up.pt](mailto:joao.guerra@fe.up.pt)), Pedro ([pm.costa@imperial.ac.uk](mailto:pm.costa@imperial.ac.uk)), or my supervisor, Professor Teresa Galvão Dias ([tgalvao@fe.up.pt](mailto:tgalvao@fe.up.pt)).



Faculdade de Engenharia da Universidade do Porto  
Departamento de Engenharia Informática  
Rua Dr. Roberto Frias, s/n 4200-465 Porto PORTUGAL

Tel.: +351 91 597 05 07  
Email: [joao.guerra@fe.up.pt](mailto:joao.guerra@fe.up.pt)

## CONSENT FORM

**Title: Smart Mobile Sensing for Measuring Quality of Experience in Urban Public Transports**

**Researcher:** João Miguel Guerra Vieira

I have been given and understood an explanation of this research project. I have had an opportunity to ask questions and have them answered. I understand that at the conclusion of the study, a summary of the findings will be available from the researchers upon request.

I understand that the data collected from the study will be held indefinitely and may be used in future analysis.

I understand that I may withdraw myself and any information traceable to me at any time without giving a reason, and without any penalty.

I understand that I may withdraw my participation during the session at any time.

I agree to take part in this research by completing the session.

I **agree/do not agree** digital and video recordings taken during the session being used research reports on this project.

Signed: \_\_\_\_\_

Name (please print clearly): \_\_\_\_\_

Date: \_\_\_\_\_