

**TITLE OF STUDY**

Optimizing AI-based image generation

**PRINCIPAL INVESTIGATOR**

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**PURPOSE OF STUDY**

In the recent years, Artificial Intelligence has become increasingly powerful, thanks to new algorithms and to the possibility of leveraging large sources of processing power. The purpose of this study is to evaluate whether individuals are able to distinguish fake faces generated by Artificial Intelligence from real humans.

**STUDY PROCEDURES**

In the study, you will be presented with a sequence of pictures that contain fake profiles as well as real humans: you will have a certain amount of time (seconds) to flag the individual represented in the picture as a human or as a fake by clicking on a button.

The duration of your participation is approximately 5-10 minutes. No audio, video or film procedures will be used.

All data will be stored on a password-protected secure server until the end of the experiment (May 2019), then it will be deleted.

**RISKS**

There are no risks involved in this study. No personal information will be collected, and there will be no links between the data and any information that can potentially identify you. You may decline to answer any or all questions and you may terminate your involvement at any time if you choose.

**BENEFITS**

By participating to this study, you will understand how powerful are nowadays' AI algorithms. Also, you will contribute to improving ML systems that have beneficial applications, as well as helping prevent malicious applications based on the use of fake profiles.

**CONFIDENTIALITY**

Your responses will be anonymous. However, please do not write any identifying information in any of the tools utilized to collect data.

**COMPENSATION**

There will be no compensation for your participation.

**CONTACT INFORMATION**

If you have questions at any time about this study, or you experience adverse effects as the result of participating in this study, you may contact the researcher whose contact information is provided on the first page. If you have questions regarding your rights as a research participant, or if problems arise which you do not feel you can discuss with the Primary Investigator, please contact the Institutional Review Board at (785) 628-4349.

### **VOLUNTARY PARTICIPATION**

Your participation in this study is voluntary. It is up to you to decide whether or not to take part in this study. If you decide to take part in this study, you will be asked to sign a consent form. After you sign the consent form, you are still free to withdraw at any time and without giving a reason. Withdrawing from this study will not affect the relationship you have, if any, with the researcher. If you withdraw from the study before data collection is completed, your data will be returned to you or destroyed.

### **CONSENT**

By filling and submitting the survey, you declare that you have read and understand the provided information and have had the opportunity to ask questions. Also, you understand that your participation is voluntary and that you are free to withdraw at any time, without giving a reason and without cost. You understand that you will be given a copy of this consent form. You voluntarily agree to take part in this study.