Simple Touch Prediction with Built-In IMUs

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ABSTRACT

Abstracts should be about 150 words. Required. See: https://users.ece.cmu.edu/~koopman/essays/abstract.html

CCS CONCEPTS

• **Human-centered computing** → **User studies**; **Ubiquitous and mobile devices**;

KEYWORDS

Authors' choice; of terms; separated; by semicolons; include commas, within terms only; required.

ACM Reference Format:
Benedict Steuerlein and Felix Bühler. 2018. Simple Touch Prediction with Built-In IMUs. In *Proceedings of Fachpraktikum Interaktive Systeme (FIS'18).* ACM, New York, NY, USA, 2 pages.

INTRODUCTION & RELATED WORK

The structure of the final submission is only a suggestion, feel free to change if it needed. Final a example publication under: http://sven-mayer.com/wp-content/uploads/2017/03/le2016placement.pdf. How to report machine learning? See: http://sven-mayer.com/wp-content/uploads/2018/01/le2018palmtouch.pdf or http://sven-mayer.com/wp-content/uploads/2017/08/mayer2017orientation.pdf.

Motivate your project by reporting about related work and common goals.

FIS'18, July 2018, Stuttgart, Germany

Random example citation [1].

DATA COLLECTION STUDY

Here report: How and why is the data collection study designed as it is?

Apparatus

Report about your setup.

Tasks

Report about the tasks participants has to perform.

Procedure

Report about the whole procedure.

Participants

Report about age, gender, and similar demographics.

RESULTS

Report about your model. No source code!

Report about the validation dataset / validation study.

DISCUSSION

Disuses why it is still not awesome and how this could be improved. Why this is still awesome? Think about: Nobody has done this before.

CONCLUSION

Two sentences wrap up what you have done. Than report what you achieved.

REFERENCES

[1] Huy Viet Le, Thomas Kosch, Patrick Bader, Sven Mayer, and Niels Henze. 2018. PalmTouch: Using the Palm as an Additional Input Modality on Commodity Smartphones. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems* (2018-04-21) *(CHI'18)*. ACM, New York, NY, USA, 360:1–360:13. https://doi.org/10.1145/3173574.3173934

Good Utilization of the Side Bar
Preparation: Do not change the margin dimensions and do not flow the margin text to the next page.
Materials: The margin box must not intrude or overflow into the header or the footer, or the gutter space between the margin paragraph and the main left column.
Images & Figures: Practically anything can be put in the margin if it fits. Use the `\marginparwidth` constant to set the width of the figure, table, minipage, or whatever you are trying to fit in this skinny space.

Sidebar 1: This is the optional caption

Figure 1: In this image, the cats are tes-