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# A cool system to make E-waste great again.

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**ABSTRACT**

UPDATED—May 13, 2017. This sample paper describes the formatting requirements for SIGCHI Extended Abstract Format, and this sample file offers recommendations on writing for the worldwide SIGCHI readership. Please review this document even if you have submitted to SIGCHI conferences

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WOODSTOCK'97, July 1997, El Paso, Texas USA

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**Figure 1: Insert a caption below each figure.**

before, as some format details have changed relative to previous years. Abstracts should be about 150 words. Required.

### CCS CONCEPTS

• **Computer systems organization** → **Embedded systems**; *Redundancy*; Robotics; • **Networks** → Network reliability;

### KEYWORDS

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

### ACM Reference format:

Anita Baier, Zhe Li, Jonas Mattes, Bruno Müller, An, Changkum Ou, and Guoliang Xue. 1997. A cool system to make E-waste great again.. In *Proceedings of ACM Woodstock conference, El Paso, Texas USA, July 1997 (WOODSTOCK'97)*, 5 pages.

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### INTRODUCTION

This format is to be used for submissions that are published in the conference publications. We wish to give this volume a consistent, high-quality appearance. We therefore ask that authors follow some simple guidelines. In essence, you should format your paper exactly like this document. The easiest way to do this is to replace the content with your own material.

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### RELATED WORK

We don't work on the main file. Everybody includes his own .tex file :)

### 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**

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Robinson [5] pointed out that most of the E-waste isn't even getting collected and just thrown into the household waste. 80% of the E-waste which got collected is then getting exported in poor countries. The recycling in these countries is problematic because E-waste contains lots of environmental contaminants and the facilities doesn't take proper care of this. This is why these contaminants are found around these premises. E-waste has already caused a "considerable environmental degradation"[5] in these countries. Also the workers are suffering from health problems because barely protected against the dangerous fluids and gasses.

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According to the current european WEEE-directive, manufacturers, sellers and distributors need to provide a return point for electronical and electrical devices. The aim is amongst others the reinforcement of recycling upon responsibility of the producer, which are also in charge of bearing the costs, while the end consumer has the responsibility of propper waste separation [3]. Specifically for smartphones, the German Goverment rejects a deposit at the expense of the final consumer on the national implementation [1]. There are also existing several non-profit projects, which accept mobile phones in order to reuse and recycle them [4][2].

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