

# Co-Design

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*Abstract*—Abstract.

*Index Terms*—Software, Hardware, VHDL, C

## I. INTRODUCTION

This document is a model and instructions for L<sup>A</sup>T<sub>E</sub>X. Please observe the conference page limits.

## II. SOFTWARE PROFILING

### A. Software Optimization

Random citation [1].

### B. Figures and Tables

a) *Positioning Figures and Tables:* Place figures and tables at the top and bottom of columns.

TABLE I  
TABLE TYPE STYLES

Table Head	Table Column Head		
	<i>Table column subhead</i>	<i>Subhead</i>	<i>Subhead</i>
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<sup>a</sup>Sample of a Table footnote.

## REFERENCES

- [1] P. R. Schaumont, *A practical introduction to hardware/software codesign*. Springer Science & Business Media, 2012.