IWBDA 2019 Abstract Template

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1 INTRODUCTION

The Eleventh International Workshop on Bio-Design Automation (IWBDA) will bring together researchers from the synthetic biology, systems biology, and design automation communities to discuss concepts, methodologies and software tools for the computational analysis and synthesis of biological systems.

The field of synthetic biology, still in its early stages, has largely been driven by experimental expertise, and much of its success can be attributed to the skill of the researchers in specific domains of biology. There has been a concerted effort to assemble repositories of standardized components; however, creating and integrating synthetic components remains an ad hoc process. Inspired by these challenges, the field has seen a proliferation of efforts to create computer-aided design tools addressing synthetic biology's specific design needs, many drawing on prior expertise from the electronic design automation (EDA) community.

The IWBDA offers a forum for cross-disciplinary discussion, with the aim of seeding and fostering collaboration between the biological and the design automation research communities. Topics of interest include:

- Design methodologies for synthetic biology.
- Standardization of biological components.
- Automated assembly techniques.
- Computer-aided modeling and abstraction techniques.
- Engineering methods inspired by biology.
- Domain specific languages for synthetic biology.
- Data exchange standards and models for synthetic biology.

This document is a LATEX template for an IWBDA abstract.

2 CONTENTS OF THE ABSTRACT

The abstracts must use the ACM template (SIGCHI version). Abstracts should be submitted in pdf format and should not exceed two pages.

Figures

Figures are highly encouraged in your abstract. It always helps having a visual representation of your methods or results. Figure 1 shows an example of a smaller figure that spans just 1 column.

Figure 1: A figure spanning just one column.

Figure 2 shows how large figures that span both columns can be displayed. Figure captions must appear beneath a figure.

Tables

A table's heading must appear above the table. Table 1 shows an example of a table. Like figures, large tables may span multiple columns.

Table 1: Table Heading

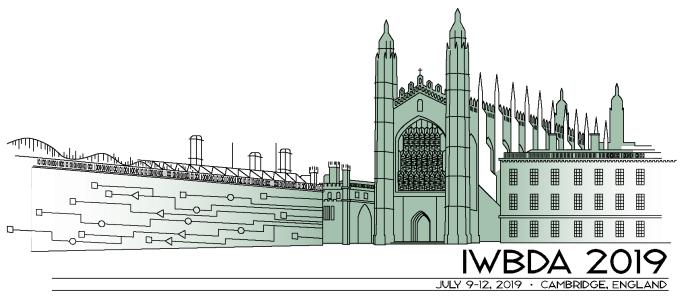| Column 1	Column 2
a	1.0
b	2.0

Figure 2: By using the figure* environment, you can show a figure that spans both columns.

Bibliography

For the bibliography, please make sure you use the acm style. This is an example of a citation [1].

3 SUBMISSION

Abstracts must be submitted via EasyChair using this link. If you do not have an easy chair account, please create one by following the instructions specified here. Please make sure that you include the full names, affiliations and contact information of all authors. Please make sure you indicate whether you would like your abstract considered for a poster presentation, an oral presentation, or both. Abstracts will be reviewed by the Program Committee. Those that are selected for oral and poster presentations will distributed to workshop participants and posted on the workshop website.

While submitting your abstract for review, please make sure that you include review in the document class:

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\documentclass[sigchi, review]{acmart}
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This will add the numbers to the side of the document which makes it easier to review your abstract. If your abstract is accepted, please make sure you remove the review property from the document class:

```
\documentclass[sigchi]{acmart}
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The deadline for Abstract Submission is: 10th May 2019

Contact

If you have any questions regarding this latex template or submissions, please send an email to Prashant Vaidyanathan (t-prva@microsoft.com). You can find more information about IWBDA in the website. You can also contact the committee by sending an email.

REFERENCES
[1] LAMPORT, L. *LATEX: a document preparation system: user's guide and reference manual.* Addison-wesley, 1994.