

Technical Paper Template

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Technical Assistant:
Date:

ABSTRACT/Introduction

In this paper, we describe the formatting guidelines for a general Technical Paper publication.

Background of the project

- identifying the purpose of implementation gps data streaming with a robot
- identifying specific requirement
- author's initial experience in this topic

Design Process

- learning curve: learning RobotC
- illustration of project plan
- set milestones
- design & plan with pseudo-code and/or flowchart
- robot building
- programming and testing
- testing
- iterative back to the milestones step

Hardware

... images and captions are important

Software Highlights

- pseudo code of some important segment is good to include.
- should have at least the system overview flowchart or communication flow.
- may include critical component flowchart or pseudo-code.

Software - Module 1

... flow chart or pseudo code will be good

Software - Module 2

... flow chart or pseudo code or the state table we have is good to include...

Module 3

Outstanding Issues...

Hardware...

....

Software...

...
...

Future Improvement and Implementation

- expansion of projects
- future implementation (currently exist or what you propose)

Caption/Table guide:

- Captions should be Times New Roman 9-point bold.
- They should be numbered (e.g., "Table 1" or "Figure 2").
- Word for Table and Figure are spelled out.
- Figure's captions should be centered beneath the image or picture
- Table captions should be centered above the table body.
- Place Tables/Figures/Images in text as close to the reference as possible. It may extend across both columns to a maximum width of 17.78 cm (7").

Acknowledgement

...

References / Footnotes

- a numbered list at the end of the article,
- ordered alphabetically or numerically;
- Individual publication may have its own reference/citation format guideline. Should research accordingly.
- Generally like the following:

1 Reference one ...

2 Reference two ...

Or

[1] Reference one ...

[2] Reference two ...