
\LaTeX template for the PyJournal

Jan Vrba², Matous Cejnek¹

1. Corresponding author; Dept. of Instrumentation and Control Engineering, Faculty of Mechanical Engineering, Czech Technical University in Prague, Czech Republic, `matous.cejnek@fs.cvut.cz`
2. Department of Computing and Control Engineering, University of Chemistry and Technology in Prague, Czechia, `jan.vrba@vscht.cz`

Supported by grant XXX-XXX-XXX-XXX-XXX-XXX.

Keywords: Python, \LaTeX , Journal

The abstract should consist from 5-15 sentences describing your paper. Please introduce here following aspects of your paper in the following order: field, purpose, methodology, results, impact. Every aspect should be described by 1-3 sentences. Avoid citing and cross-referencing in the abstract.

1 Introduction

This is a \LaTeX template [1] for the PyJournal – journal dedicated to the Python [2] programming language.

2 Sections and subsections

All sections (except Acknowledgment) should be numbered with Arabic numerals.

2.1 Subsections

Subsections should be numbered according to the parent section with Arabic numerals.

3 Tables, images and equations

Only this template can be used for the preparation of your manuscript. Please follow all instructions in this template. Equations can be placed inline:

$c^2 = a^2 + b^2$; or in a new line with number for referencing:

$$c^2 = a^2 + b^2 \quad (1)$$

All symbols used in equations have to be properly introduced.

The figures suppose to be placed on relevant place in the body of the paper. See Figure 1 for example. Keep in mind that the resolution and size of figures should be reasonable.

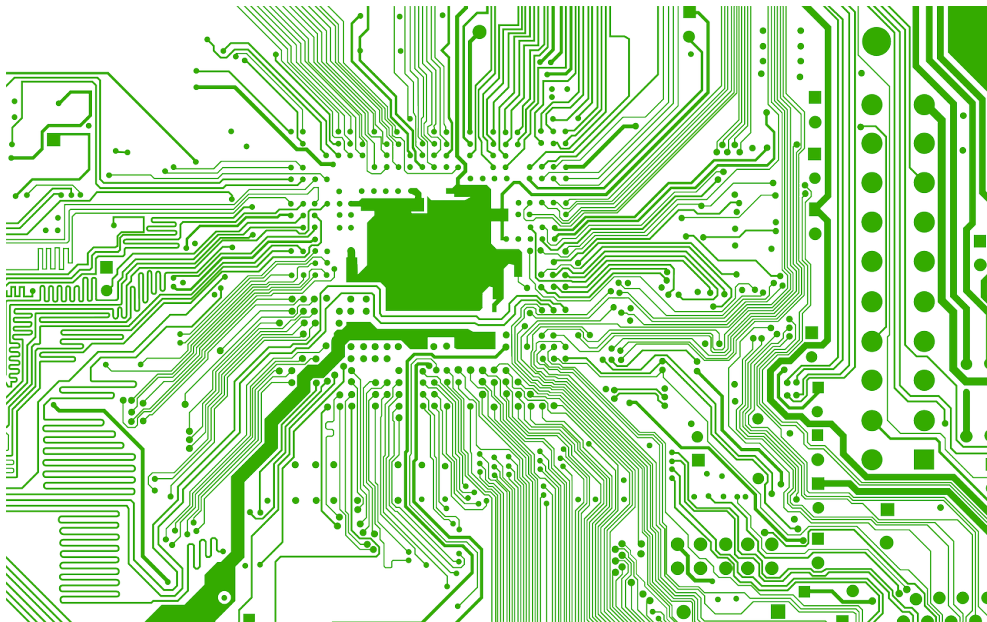


Figure 1: All figures should have relevant caption.

The tables should look like the Table 1.

Table 1: Example table displaying random data for random fictive persons

	minimum	maximum	mean	std
Alice	131	175	150	6
Bob	158	211	201	8
Carla	136	350	183	10

4 Algorithms and snippets

All code snippets should be placed via *lstlisting* environment. Use caption and label as shown in example Listing 1.

Listing 1: The following code snippet displays a solution of the Fizz Buzz problem.

```
for number in range(1,100):
    text = "Fizz" if not number % 3 else ""
    text = text + "Buzz" if not number % 5 else text
    text = text if text else number
    print(text , end=" ")
```

All algorithms should be displayed via *algorithm2e* environment. Use caption and label as shown in example Algorithm 1.

Algorithm 1: Algorithm example

Result: Write here the result

initialization;

while *While condition* **do**

 instructions;

if *condition* **then**

 instructions1;

 instructions2;

else

 instructions3;

end

end

5 Conclusion

Make sure that you double check all requirements before you submit your manuscript.

Acknowledgement

Acknowledgment is a place where you should mention all external support used for creation of the paper. This section should be written in the third person.

References

- [1] Leslie Lamport. Latex: A document preparation system, adison, 1986.
- [2] Guido Van Rossum and Fred L Drake Jr. *Python reference manual*. Centrum voor Wiskunde en Informatica Amsterdam, 1995.