

Quarto

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Introduction

Quarto is an open-source publishing system based on pandoc with focus on scientific writing.

Features

Output types

- Write in markdown, render to various output formats. Including:
 - html
 - pdf (using pdflatex, luatex, wkhtmltopdf, ...)
 - presentations (Powerpoint, revealjs, Beamer)
 - Word
 - Markdown
 - ...

Computations

Quarto allows integrates jupyter to support computation using essentially all languages that are supported by jupyter (python, julia, R, ...). It allows allows for interactive content produces by various interactivity libraries.

This will show only in the PDF output.

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Static plot using plotly

Publishing

Quarto includes convenience functions to publish documents to various targets. Most interesting for us is github pages:

```
quarto publish gh-pages
```

Citations

Citation from *.bib files is fully supported. Our¹ favorite paper²

References

1. Adrián-Martínez, S. *et al.* [Letter of intent for KM3NeT 2.0](#). *Journal of Physics G: Nuclear and Particle Physics* **43**, 084001 (2016).
2. Aartsen, M. G. *et al.* [The IceCube Neutrino Observatory: instrumentation and online systems](#). *Journal of Instrumentation* **12**, P03012 (2017).

¹Or do you prefer¹?