



# SciPy

## SciPy 2021 Tools Track

*Pamphile T. Roy*

 *tupui*  *PamphileRoy*

 **iTranslate**

# Last year developments

## >>> Releases

- 1.6 (Dec 2020)
- 1.7 (Jun 2021)

## >>> Organization

- [Tidelift](#) support and donations
- [Grant](#) from the Chan Zuckerberg Initiative and [NumFOCUS](#)
- Started [meetups](#) again!

<https://tidelift.com/subscription/pkg/pypi-scipy>

<https://chanzuckerberg.com/eoss/proposals/a-solid-foundation-for-statistics-in-python-with-scipy>

<https://hackmd.io/@tupui/scipy-meetup>

# Last year highlights

- >>> `scipy.stats.qmc` a new submodule for quasi-Monte Carlo
- >>> Documentation theme change, `PyData-Sphinx` theme
- >>> `Boost` C++ library
- >>> `scipy.stats` new distributions and tests
- >>> `cdist` and `pdist` distance calculations is fast
- >>> `RBFInterpolator` the new class for RBF interpolation



[Getting started](#) [User Guide](#) [API reference](#) [Development](#) [Release notes](#)



Search the docs ...

## SciPy documentation

**Date:** July 13, 2021 **Version:** 1.8.0.dev0+1434.8ef5830

**Download documentation:** <https://docs.scipy.org/doc/>

**Useful links:** [Install](#) | [Source Repository](#) | [Issues & Ideas](#) | [Q&A Support](#) | [Mailing List](#)

**SciPy** (pronounced “Sigh Pie”) is an open-source software for mathematics, science, and engineering.



### Getting started

New to *SciPy*? Check out the getting started guides. They contain an introduction to *SciPy*' main concepts and links to additional tutorials.

[To the getting started guides](#)



### User guide

The user guide provides in-depth information on the key concepts of SciPy with useful background information and explanation.

[To the user guide](#)

# Outlook what is happening

>>> UNURAN integration under GSoC

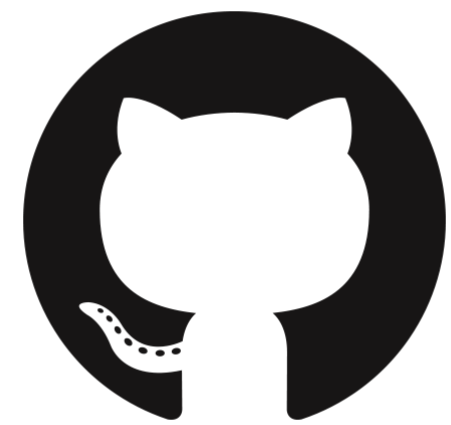
>>> Pythran non optional and more port under GSoC

>>> Propack wrapper for SVD funded by NumFOCUS SDG

>>> Meson as a new build system funded by SciPy!

# You help[ed] make it happen..

Issues, PR, reviews, discussions, issue management: *every contribution matters, even a star on the repository...* Join us!



<https://github.com/scipy/scipy>

## Thank You!