



NUMPY

ANNUAL UPDATE

INESSA PAWSON

@INESSAPAWSON

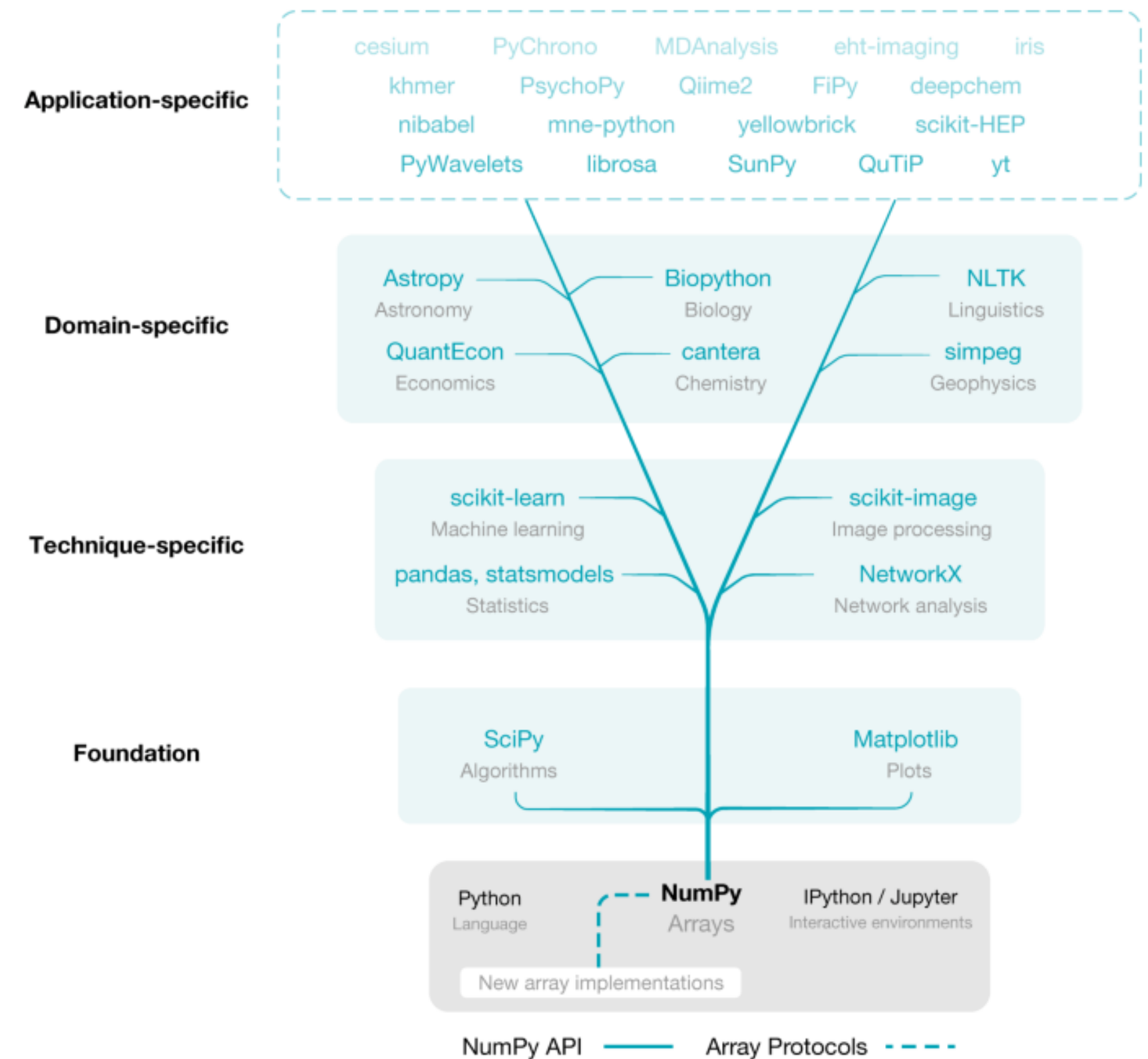
INESSA@ALBUSCODE.ORG

SCIPY USA 2021



NumPy is the foundation of the scientific Python ecosystem: NumPy's n-dimensional array is the fundamental data structure of the scientific Python ecosystem.

NumPy also provides means for improving interoperability with other array and analysis libraries.



Source: Harris, C.R., Millman, K.J., van der Walt, S.J. et al. Array programming with NumPy. Nature 585, 357–362 (2020).

NUMPY TEAM

NEW DEVELOPMENT TEAM MEMBERS:

Sayed Adel
Bas van Beek
Chunlin Fang
Melissa Mendonça

NEW STEERING COUNCIL MEMBERS:

Melissa Mendonça
Inessa Pawson

HIGHLIGHTS

ACADEMIC PAPER IN NATURE

NUMPY 1.20.0 RELEASE

Type annotations, multi platform
SIMD compiler optimizations

2020 SURVEY

Findings report:

<https://numpy.org/user-survey-2020/>

CZI GRANT

Principal Investigator: Melissa Mendonça

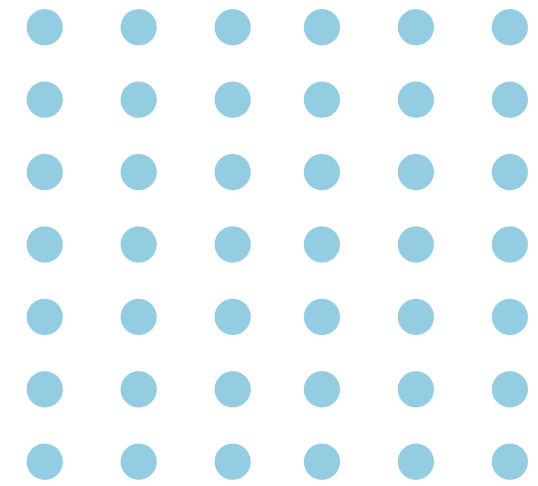
**Chan
Zuckerberg
Initiative** 

NEW TUTORIALS WEBSITE

<https://numpy.org/numpy-tutorials>

SciPy'21 – NumPy update

NUMPY DOCUMENTATION



TUTORIALS

<https://numpy.org/numpy-tutorials>

DOCS TEAM MEETINGS

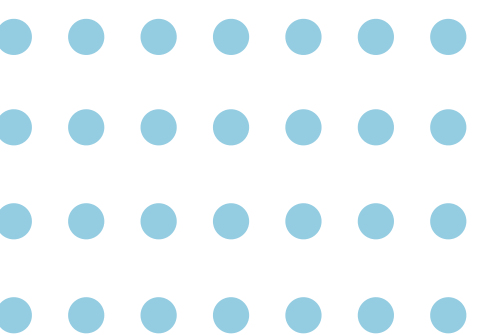
held biweekly

GOOGLE SEASON OF DOCS 2021

Technical Writer: Mukulika Pahari

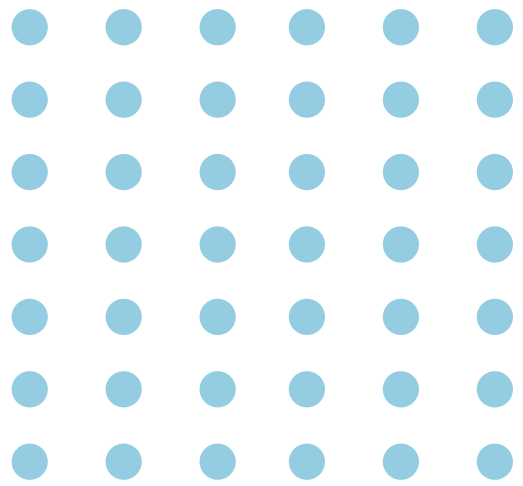
Mentors: Melissa Mendonça, Ross Barnowski

ACCESSIBILITY IN DOCS



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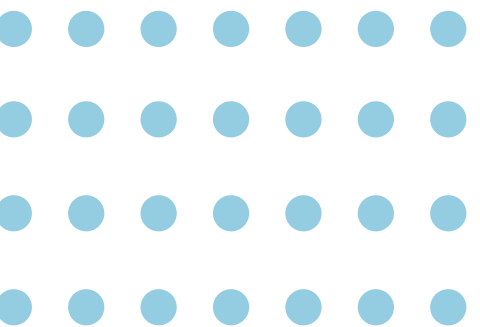
NUMPY SURVEY 2021



NOW LIVE



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CONTRIBUTE TO NUMPY

- Write code
- Review pull requests
- Triage issues
- Develop tutorials, presentations, other educational material

- Contribute graphic design
- Maintain and improve `numpy.org`
- Translate content of `numpy.org`
- Organize community events
- Help with fundraising

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CONNECT WITH NUMPY TEAM

**MAILING LIST
OR GITHUB**

EMAIL US

numpy-team@googlegroups.com

COMMUNITY CALLS

held biweekly

DOCS TEAM MEETINGS

held biweekly

TRIAGE CALLS

held biweekly

NEWCOMER' S HOUR

held biweekly

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