

# pytest sprint 2024

Klaus, Vorarlberg, Austria



BRUHIN  
SOFTWARE

**OMICRON**



June 16th – 23rd, 2024

# Time

7:30 Doors open

7:30, 8:00, **9:00**, 9:30, 10:00, 11:00, 11:30, 12:00, 13:00, 13:30, 14:00, 15:00, ...

Direct trains from Feldkirch

11:45 – 12:45 Lunch available

18:00 Doors close

2nd floor ODC, Jupiter (75m<sup>2</sup>) & Venus (31m<sup>2</sup>)

# Topics

## Florian Bruhin (The Compiler):

- Infrastructure: Domain/DNS, email, credential sharing
- Plugins: [pytest-qt](#), [cookiecutter plugin template](#)
- User experience: Output improvements (inspired by [pytest-rich/ward?](#)), [better --help](#), common newbie pitfalls
- [Fixtures without name matching magic](#) / class-based fixtures
- Matchers / assertion helpers ([sequences ignoring order](#), [pytest.raises](#), etc.)

## Ronny Pfannschmidt:

- collection roots
- collection performance
- traceback filtering/culling
- integration of function definition
- non python support for generate-tests

# Topics

## **Sviatoslav Sydorenko (webknjaz):**

- anything “core”
- hacking on getting pytest-forked compatible with versions 7+
- automation/CI/workflow improvements

## **Shaygan Hooshyari (Glyphack):**

- CLI, and UX
- Plugins

## **Christian Heissenberger (lovetheguitar):**

- Support marker keyword arguments in marker expression (test selection via `-m`)

## **Misc. / unclear:**

- Farbod Ahmadian
- Floris Bruynooghe (flub)  
 (“may distract myself with experimenting building rust test runners”)
- Oliver Bestwalter

# Topics (Remote)

## **Warren Markham**

### **(WarrenTheRabbit):**

- 8 hours ahead  
(9:00 here  $\Rightarrow$  17:00 there)
- Topics unclear, how to make things easier for new contributors?

## **Niloth P:**

- Primarily available  
9:30 - 14:30 CEST
- Newcomer, interested in starting to contribute
- Discord: niloth\_p\_92383

## **Matt Davis (nitzmahone):**

- 10 hours behind (9:00 here  $\Rightarrow$  23:00 there;  
17:00 here  $\Rightarrow$  7:00 there)
- proper `ExceptionGroup` support,  
fixture control sans-name-magic,  
argparse usage slicing

## **Jason R. Coombs (jaraco):**

- [Essential layout](#); [Coherent System](#)
- refactoring `pathlib` to facilitate supported hooks
- available in the latter half of each day  
(primarily 15:00-18:00 CEST), mostly Wed-Fri
- Discord: jaraco

# Not just coding!

Mon Welcome & Company tour

Tue Grilling outside for dinner?

Wed 15 –  $\approx$ 17: Visiting power plant

Thu “Birdy”-event, grilling outside for dinner?

Fri Omicron employees join the sprint

Sat Social event

- Good weather: Going for a hike? Summer toboggan?
- Bad weather: Laser tag? Escape room? Bowling? Go-kart track?

Also available here:











Billiards, tabletop football/soccer, dart, ping-pong, beach volleyball, a piano

# Sponsors & Thanks!











# OMICRON



## Organizations

- |   |   |    |  |
|---|---|----|--|
| 1 |  <b>Indeed</b><br>\$20,025 USD since Aug 2019      | 2  |  <b>Sentry</b><br>\$10,529.6 USD since Oct 2021                 |
| 3 |  <b>THANKS.DEV</b><br>\$5,645.7 USD since Dec 2022 | 4  |  <b>Principal Financial Group</b><br>\$2,710 USD since Jul 2020 |
| 5 |  <b>Armis</b><br>\$2,000 USD since Sep 2020        | 6  |  <b>Triplebyte</b><br>\$1,552 USD since Jul 2019                |
| 7 |  <b>InVision AG</b><br>\$1,100 USD since Feb 2023  | 8  |  <b>Sendcloud</b><br>\$900 USD since Apr 2022                   |
| 9 |  <b>ControlPlane</b><br>\$775 USD since Nov 2020   | 10 |  <b>Apira Technologies</b><br>\$500 USD since Dec 2021          |

## Individuals

- |   |   |    |  |
|---|---|----|--|
| 1 |  <b>Incognito</b><br>\$7,000 USD since Dec 2019  | 2  |  <b>ZEISS Group</b><br>\$3,625.3 USD since Nov 2023 |
| 3 |  <b>Pydantic</b><br>\$1,300 USD since Jun 2023   | 4  |  <b>霍格沃兹测试开发学社</b><br>\$1,000 USD since Jul 2021    |
| 5 |  <b>Dorian Turba</b><br>\$355 USD since Dec 2021 | 6  |  <b>Yasha</b><br>\$295 USD since Aug 2019           |
| 7 |  <b>Incognito</b><br>\$280 USD since Oct 2019    | 8  |  <b>Doist</b><br>\$221 USD since Dec 2022           |
| 9 |  <b>Pedro R.</b><br>\$165 USD since Sep 2020     | 10 |  <b>Nikolai Golub</b><br>\$160 USD since Oct 2020   |

and of course **you**, and possibly your employer!

# Shameless plug

- **March 4th to 6th, 2025**

Python Academy ([python-academy.com](https://python-academy.com)):

Professional Testing with Python

Leipzig, Germany & Remote

- **Custom training / coaching:**

- Python
- pytest
- GUI programming with Qt
- Best Practices  
(packaging, linting, etc.)
- Git
- ...

Remote or on-site

[florian@bruhin.software](mailto:florian@bruhin.software)

<https://bruhin.software/>

