

EUROPYTHON 2017

RIMINI, 9-16 JULY 2017

WHERE

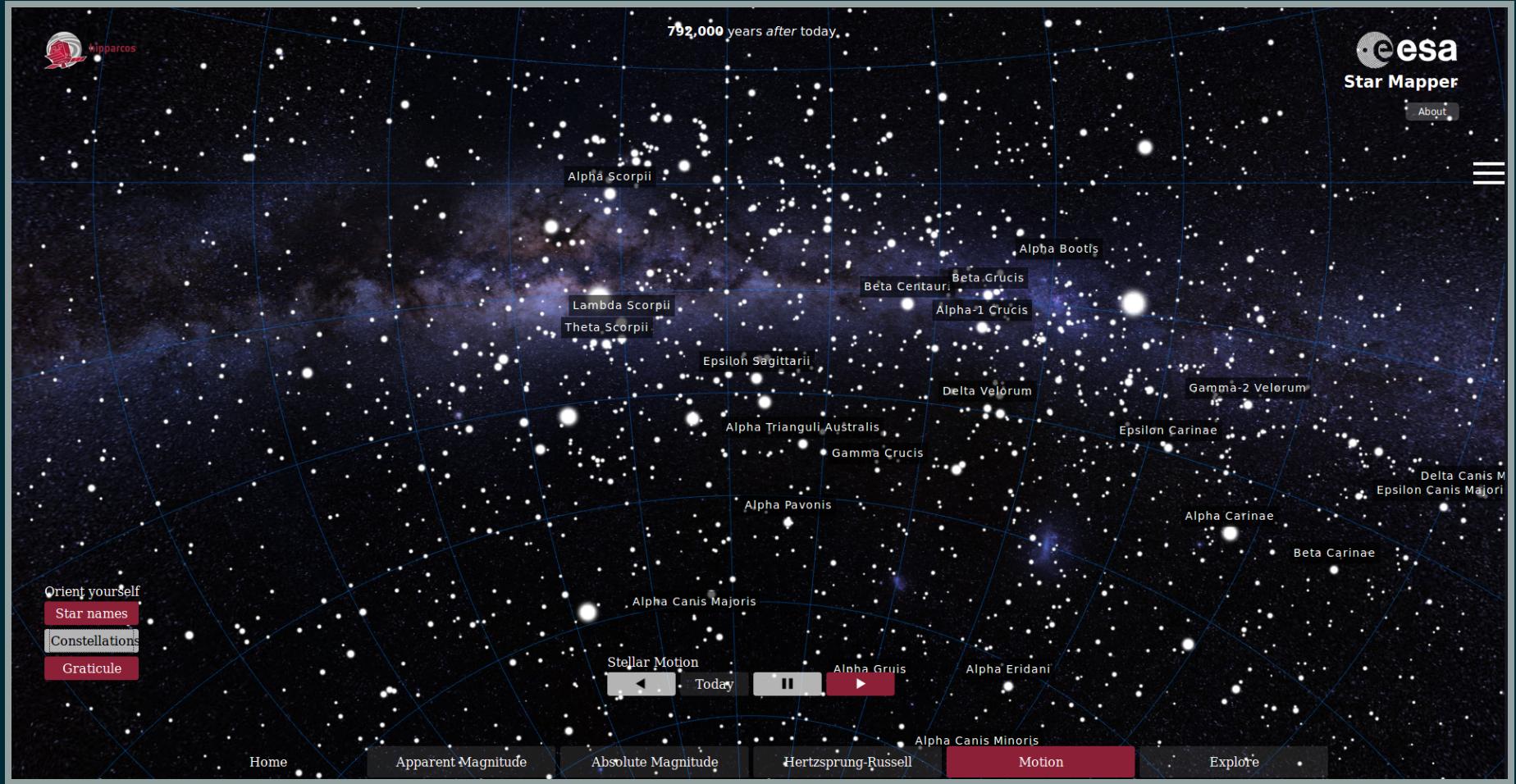


PALACONGRESSI DI RIMINI





HOW TO CREATE INSPIRING DATA VISUALIZATIONS?

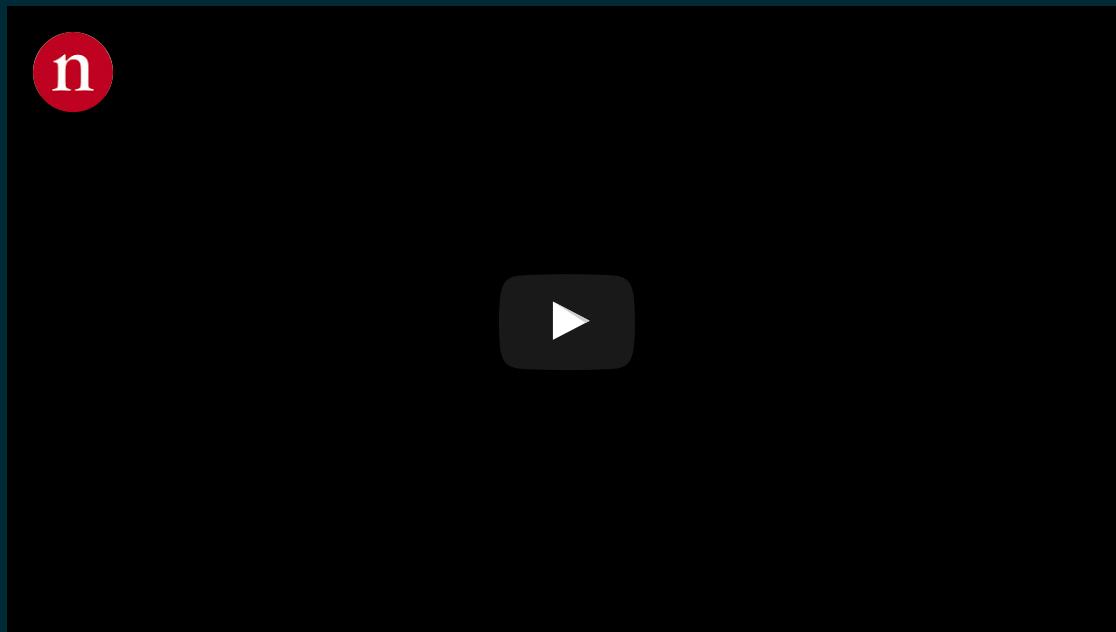


http://sci.esa.int/star_mapper

HOW TO CREATE INSPIRING DATA VISUALIZATIONS?

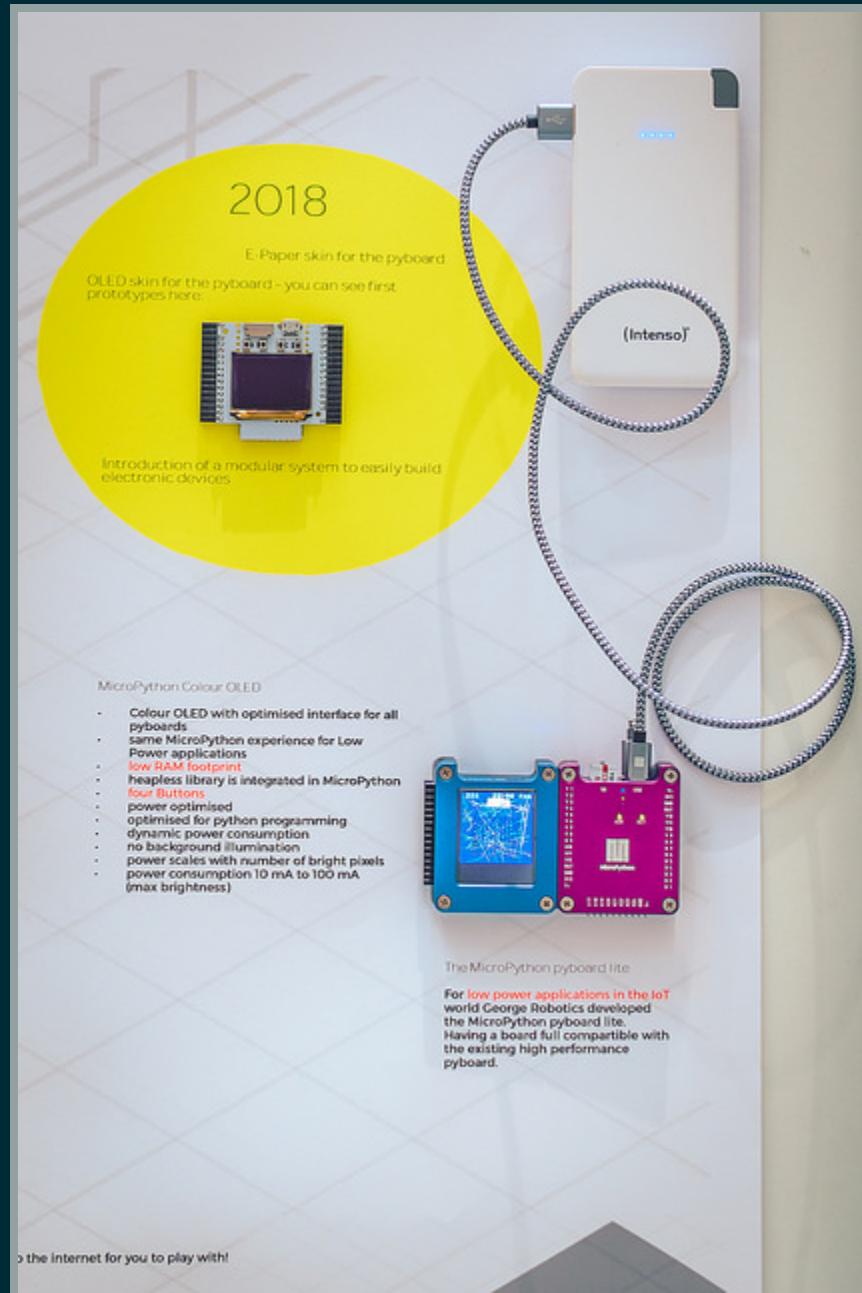
- What (data), why (concept) and how (visual design & interactions).
- Users don't always know what they are looking for
- Story-telling with visualizations (martini glass model)

HOW TO CREATE INSPIRING DATA VISUALIZATIONS?



POSTER SESSIONS





2018

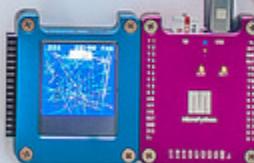
E-Paper skin for the pyboard
OLED skin for the pyboard - you can see first prototypes here:



Introduction of a modular system to easily build electronic devices

MicroPython Colour OLED

- Colour OLED with optimised interface for all pyboards
- same MicroPython experience for Low Power applications
- low RAM footprint
- heapless library is integrated in MicroPython
- four Buttons
- power optimised
- optimised for python programming
- dynamic power consumption
- no background illumination
- power scales with number of bright pixels
- power consumption 10 mA to 100 mA (max brightness)



The MicroPython pyboard lite

For **low power applications in the IoT** world George Robotics developed the MicroPython pyboard lite. Having a board full compatible with the existing high performance pyboard.

to the Internet for you to play with!



AND THE WINNER OF
THE BEST POSTER
COMPETITION IS

....



MANY PEOPLE STOPPED BY



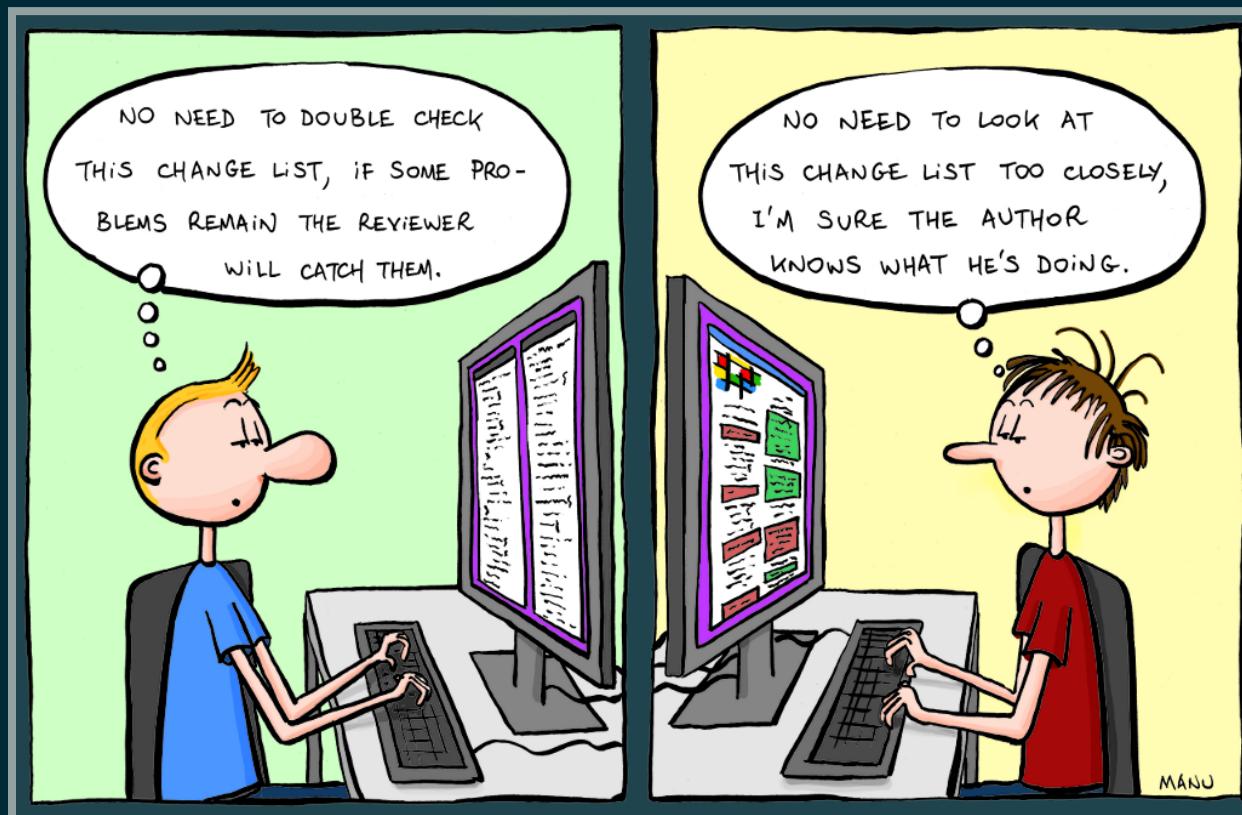
SOME ASKED QUESTIONS



Check it out yourself at:
<https://cds.cern.ch/record/2274794>

TESTING, DEBUGGING & REVIEWING

- Front-end testing with Python
- Fixture factories for faster end-to-end tests
- Practical Debugging - Tips, Tricks and Ways to think
- Best Practices for Code Reviews



SECURITY & OPERATIONS

- CyberSecurity.bootcamp()
- Python Profiling with Intel® VTune™ Amplifier

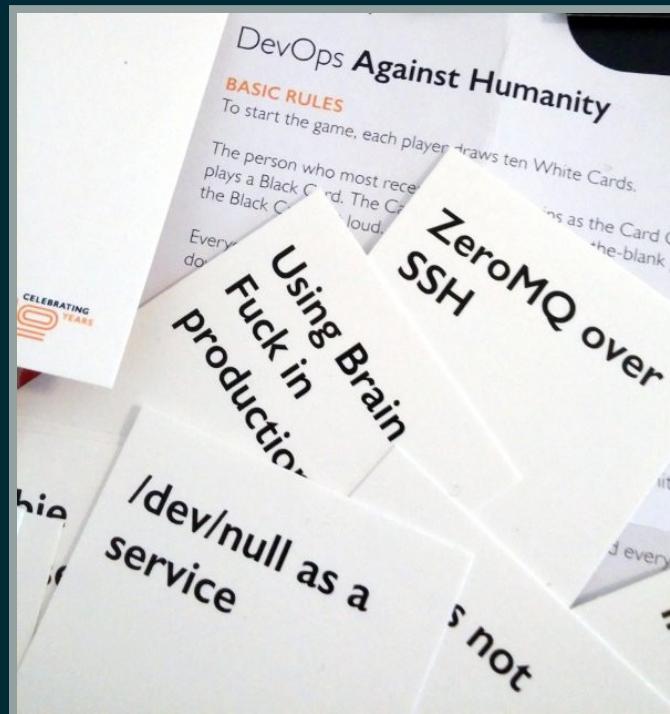
OTHER

- Serverless Applications with Chalice
- Why you don't need design patterns in Python?
- Sustainable Scientific Software Development



OTHER

- A faster Python? You Have These Choices (C extensions, Cython, CFFI, PyPy)
- Developing elegant workflows in Python code with Apache Airflow
- Writing Awesome PyPI packages in Python



Check the schedule at:

EuroPython website

and see the talks at:

EuroPython Conference YouTube channel

GRAZIE!