Open Dialogues across Physics and Astronomy, HOW?



Abstract: Funding panels increasingly reward interdisciplinary research, but conferences and seminars are still largely narrow in their focus. This is also true for publication journals that tends to funnel research outputs in narrow displine boxes and behind a paywall, despite a real incentive from researchers towards open and interdisciplinary Science. This work is a trial aimed at exploring and putting

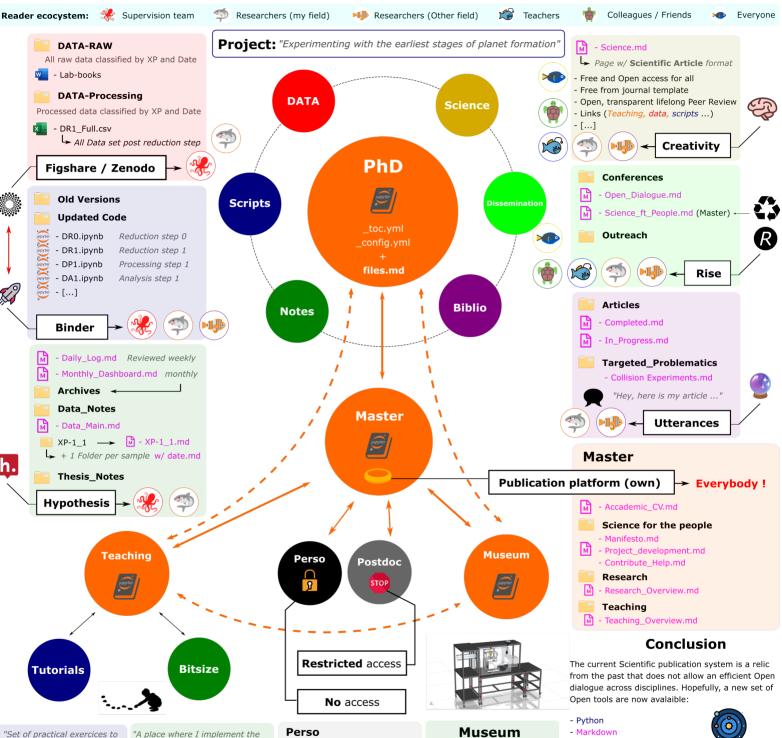
together a set of free and open tools to offer an

alternative to the current publication system

Science Our common Toolkit Open and free Physics publication Markdown HTML/CSS ait Astronomy Data Python Notebook Github Web-site







help you get started w/ the tools presented"



HTML_CSS.md

M Jupyter_Book.md

Github.md



Python

"A place where I implement the ressources I found during my learning journey"



Astronomy_101.md Planet_formation_bottom-top

Planet_formation_top-bottom



Water_ice.md

Perso

- productivity.ipynb

+ Other ressources job opportunity

Not on Github **Postdoc**

Completed project with notes taken using Jupyter Book - On Github (private repo)

└ Commercial application

Museum

A part of my PhD (experimental development), that won't be published in a scientific journal ... (supervisory clash)

Work in progress



- Jupyter Book

- Github

+ lots of gravitating tools

Take home message

Markdown and Jupyter Book can empower you with







an Open Toolbox to Self-Publish your Research

Better than being subordinated to publication journals by using latex isn't it?