# Open Science Droplets 02

## Collaborative Science online, Github

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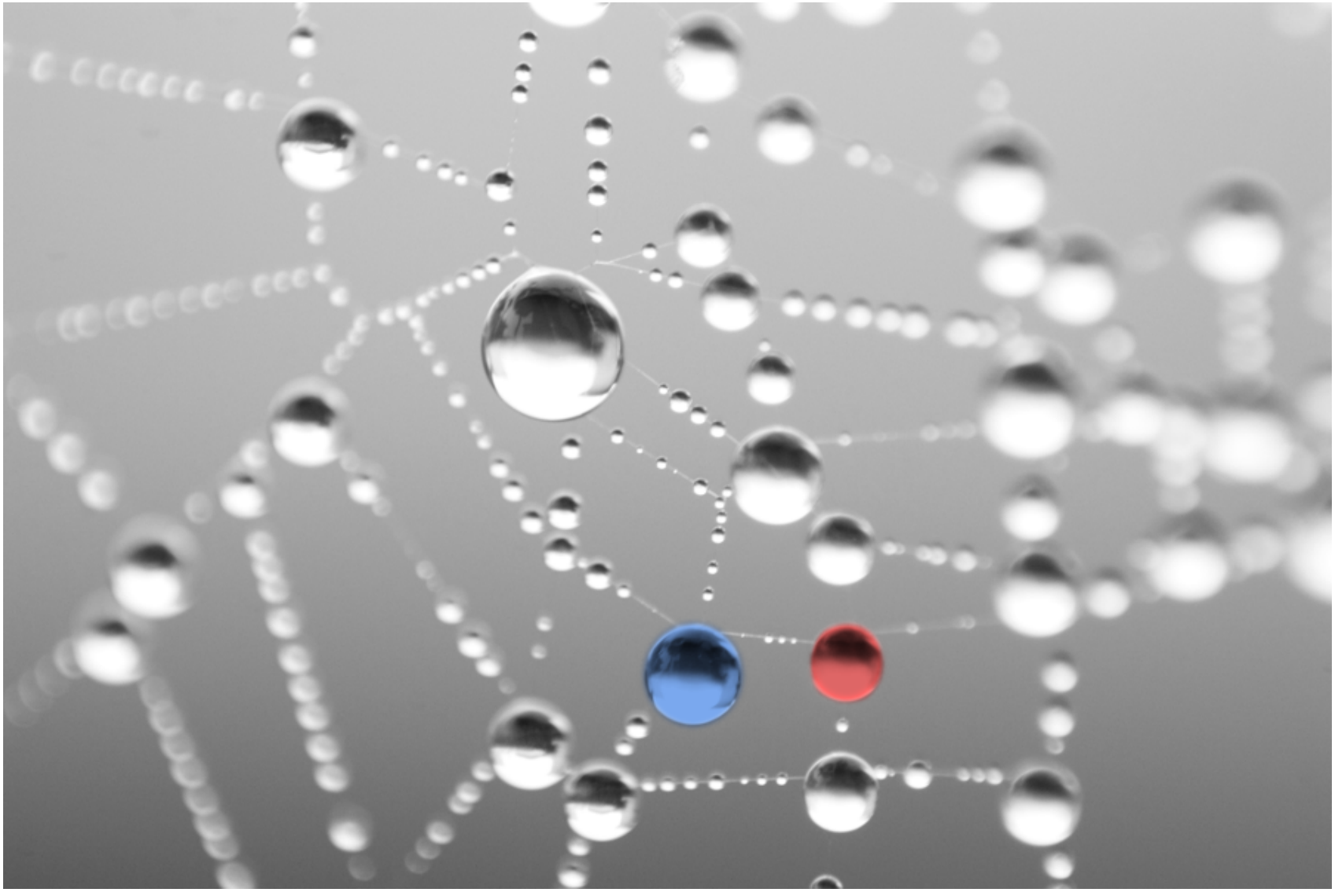

**email from Galileo**

Hi again!

Thanks for sending me the notebook you prepared but I cannot open it. How can I see it? Also, I will be travelling during the following days, if you could send me something I can explore from my mobile phone, that would be great!

Cheers,

Galileo

# Motivation

- In session 01 we created a Jupyter notebook
- Now we want to share it with our collaborator
- Include version control
- Use an online service (persistent backup and availability)
- First stage: basic functionality without git (no command line for now)

# Requirements

- Account on github.com (or similar Gitlab, Bitcucket)
- Something to share

# Plan

- Start an account
- Start a repository (Description, README, LICENSE)
- Upload files
- Make changes to file and commit them
- View differences and history
- Share your work!
- Collaborate: issues

# New problem

- My colleague can see the notebook but cannot execute it
- Solutions in the next session!

# Reference Material

- To learn more: Github Guides https://guides.github.com/
- Jake Vanderplas: https://bit.ly/36z1lyG
- Which license to use? https://choosealicense.com/