

Illustris-TNG tutorial

Monday 7 February 2022 15:10 (1h 10m)

For this tutorial we will use TNG JupyterLab. Since it may take some time to set up your TNG account we strongly recommend to take the following actions **at least 5 days before the Winter School starts**.

Analyzing a large cosmological simulation like Illustris-TNG is often very expensive in terms of memory storage and computational power. Given the large number of students attending our Winter School, there is the possibility that this tutorial may overload the JupyterLab system. If this happens, we will modify/replace part of the “live demo” e.g. asking the participants not to engage the system all at the same time.

Your to-do list before the beginning

1. register at <https://www.tng-project.org/users/register/>, being sure to **use the same email address** you used to register to the Winter School, and **write “DAWN Winter School” in the Location box**.
 2. request access to <https://www.tng-project.org/data/lab/> with the TNG credentials created in step 1.
- optional after your request is approved, you can log in and launch the TNG JupyterLab (e.g., you can have a look to this quick demo).

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Track Classification: Software to investigate galaxy evolution