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The IllustrisTNG Simulation Data Platform

Content

I will describe our efforts over the past several years to comprehensively release the Illustris and IllustrisTNG simulations (www.tng-project.org). These are cosmological magnetohydrodynamical simulations: “virtual Universes in a box”. I will discuss the current capabilities, usage, and future directions of the TNG public data release platform. This includes direct data access, API-based interactions, on-demand visualization and analysis tasks, and a Lab-based analysis interface.

Preferred talk time

EU daytime

Primary author: NELSON, Dylan (ITA, Heidelberg University)

Presenter: NELSON, Dylan (ITA, Heidelberg University)

Track Classification: Applications; Grid and Web Services; Data Curation and Preservation; Knowledge Discovery in Databases; Theory

Submitted by **NELSON, Dylan** on **Monday 03 May 2021**