

# CCA Simulation Repository: common frameworks for sharing, distributing, and processing astrophysical simulation data

*Thursday, October 25, 2018 4:30 PM (15 minutes)*

As envisioned by the galaxy formation group, our goal is to provide tools to discover, share, and access cosmological and other astrophysical simulations through web-based platforms, enabling efficient analysis of large datasets by distributed users. Currently in the planning and prototyping phase, this will ultimately involve creating ways to query object catalogs, access portions of raw simulation volumes, and drive synthetic observation pipelines in generic ways across a variety of datasets.

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**Session Classification:** Lightning Talks