

The End of the Dark Ages: The Formation of the First Stars and Quasars

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Abstract How and when did the cosmic dark ages end? I present simulations of the formation of the first stars and quasars, discuss their feedback on the IGM, and describe ways to probe their signature with JWST. The first supernovae are responsible for the initial metal enrichment of the IGM, and I address the impact of this initial enrichment event on the subsequent history of structure formation. Finally, I describe the properties and statistics of high redshift GRBs and SNe that result from the first generation of stars.