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The Cosmic History of Star Formation

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Abstract

I will give a brief overview of how recent work at UV, optical, infrared, mm and radio wavelengths have impacted on our current understanding of the cosmic evolution of co-moving star-formation rate density. I will review recent progress at $z \simeq 2-3$, corresponding to the putative peak of star-formation activity, but will focus primarily on new results at the very highest redshifts. I will conclude with a brief discussion of how anticipated new results from deep ALMA imaging have the potential to clarify and complete our understanding of cosmic star-formation history