

**SESSION 4: Massive galaxy assembly, and the effects
of AGN and environment**

The most distant quasars and their environments

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Abstract. The number of quasars known within the first billion years of the universe ($z > 6$) has increased significantly over the last five years. Many of these recently discovered quasars are ideal targets for observatories in the southern hemisphere such as ALMA. I will review the current status of the highest-redshift quasars and their environments, highlighting main achievements and limitations. I will then discuss how synergistic JWST/ALMA observations will shed light onto the properties and formation of some of the most extreme environments in the early universe.
