

International conference on the first stars of the
Universe and their impact on cosmic evolution

1-5 August 2016

FIRST STARS V

Heidelberg
Germany

www.lsw.uni-heidelberg.de/FirstStarsV/

TOPICS

- Pop III stars: formation, IMF, stellar multiplicity, rotation
- Stellar evolution and nucleosynthesis in metal-free and metal-poor stars
- Transition to second-generation star formation
- Formation of primordial galaxies and observations of the high-redshift Universe
- First supernovae and gamma-ray bursts
- Cosmic reionization and radiation
- Formation, growth and feedback of supermassive black holes at high redshift
- Galactic archaeology and metal-poor stars in the local Universe
- Future observational facilities

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