Resolving Galaxy Formation & Evolution with the Large UV Optical Infrared Telescope

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1. Order of magnitude improvement in **resolution**

- 2. Vastly improved **sensitivity** and instrumentation
- 3. Broad wavelength coverage, extending UV to NIR

231st AAS LUVOIR Splinter Session

Kate Whitaker

January 9, 2018



















Star-forming Galaxy at z=2.5 15.1 m 0.1" 1 kpc F390W (110 nm @ z=2.5) Rigby et al. 2017, ApJ, 843:79 231st AAS LUVOIR Splinter Session Kate Whitaker January 9, 2018



Star-forming Galaxy at z=2.5



Star-forming Galaxy at z=2.5



















