# clio:Users:aroberg1:LUVOIR:Graphics:Logo_Etc:LUVOIR_logo_FINAL_for_Light_BG.png

# Additional LUVOIR Science Case

*Please limit to 2 – 3 total pages.*

*Email document to* [*LUVOIR.Science@gmail.com*](mailto:LUVOIR.Science@gmail.com?subject=Additional%20LUVOIR%20Science%20Case) *for inclusion in “Additional Science Cases” appendix of LUVOIR Interim Report.*

## YOUR TITLE HERE

## AUTHORS

Jamie Doe (Acme University), others …

## INTRODUCTION

Science motivation and background text goes here. Figures encouraged.

## THE ROLE OF LUVOIR

Explain why this science case needs LUVOIR.

## THE SCIENCE PROGRAM

Please describe the desired observations as best you can.

Give wavelength ranges, source brightnesses, and LUVOIR instrument(s) to be used. Further details on instrument characteristics can be found at <https://asd.gsfc.nasa.gov/luvoir/design/>.

If possible, include exposure time estimates. LUVOIR science simulation tools are available at <https://asd.gsfc.nasa.gov/luvoir/tools/>.

**Program at a Glance**

**Science goal**: 1 – 2 sentence description of science goal.

**Program details:** Briefly describe the observing program (e.g. kind of observations, targets, etc.).

**Instrument(s) + configuration(s):** List all needed instruments and configurations (e.g. imaging or spectroscopy, other modes, etc.).

**Key observation requirements:** Give key observation requirements (e.g. wavelength range, spectral resolution, signal-to-noise, contrast, photometric or astrometric precision, etc.).

## REFERENCES

ApJ style, please.