

Roman Galactic Exoplanet Survey (RGES): Introduction and Welcome

November 16, 2021



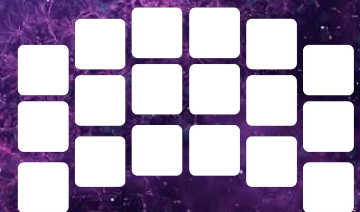
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(On behalf of the RGES-SIT)

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SPACE TELESCOPE

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The Roman Galactic Exoplanet Survey.



What is RGES?

- One possible realization of the Roman Galactic Bulge Variability Survey (RGBVS)

Goals of this workshop:

- Motivate and describe the activities of the RGES SIT
- Outline future work to further define and enhance the RGBVS
- Identify precursor observations needed to support the RGBVS
- Identify contemporaneous and concurrent observations in support of the RGBVS
- Identify outreach and engagement opportunities.

Workshop Agenda

- Motivation for the RGES Survey and SIT - David Bennett
- Survey Optimization and Yield – Samson Johnson
- The UKIRT Microlensing Survey – Geoff Bryden
- Microlensing Mass Measurements – Aparna Bhattacharya
- Roman Detector Simulations – Sebastiano Calchi Novati
- Outreach and MulensModel – Radek Poleski, Jennifer Yee
- Microlensing Data Challenge – Matthew Penny
- Summary and Future Work – Scott Gaudi