# JATIS Special Issue

TSWG 2- Boulder, Colorado

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## Need to Effectively Communicate Starshade Development Status

- Starshade literature is scattered and difficult to find all relevant results
  - IAU Books, ApJ, JOSA, SPIE (journals and proceedings), other conferences, NASA websites, company reports, notebooks and cocktail napkins

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  - Yesterday's question of tolerances as an example
  - Poor community choices

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  - Yesterday's question of tolerances as an example
  - Poor community choices
- Response—Put our eggs (results) in one basket, then show off the basket





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#### Call for Papers

The call for papers has been posted on the JATIS website. Please distribute the following link to potential contributors:

https://www.spiedigitallibrary.org/journals/journal-of-astronomical-telescopes-instruments-and-systems/call-for-papers#Starshades

## Call for Papers

- Error budgeting
- Starshade based missions (at all scales)
- Performance modeling
- Other science enabled by starshades, specifically non-exoplanet missions
- Data processing, the reduction of starshade images to science data
- Optical modeling
- Optics of starshades
- Testing and verification of starshades

- Mission planning
- Image post processing
- Instrument design for use with a starshade
- Petal edge and face scattering
- Scaling rules
- Testing and verification
- Design (apodization) optimization of the starshade
- Formation sensing, maintenance and operations

### Time Line



## Have an idea for a contribution?

## Let's talk about it.



# Get writing.

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