

Request for Observing Time at the CHARA Array
For the Period
March 1 – July 31, 2023

P.I. Name/e-mail - FirstName LastName E-mail	PhD Research? – yes/no
Co-P.I. Names - Other names here.	
Observing Participants - Names of observers here.	
Proposal Title – Title here. Is this a new or continuing project? – new / continuing	
Abstract - Text here.	

Summary of Requested Observing Run(s)

Run	No. of Nights	Optimal Dates	Acceptable Dates	Beam Combiner	Filter / Spectral Mode	Telescopes
1						
2						
3						

Unacceptable Observing Dates (for non-astronomical reasons) - Text here

Scientific Justification 1 (text including general background, context, significance for astronomy) -

Citations should be included (Monnier et al., [2007](#)).

Scientific Justification 2 (use this page as needed for figures and references, including recent CHARA papers related to your work) -

Figures here.

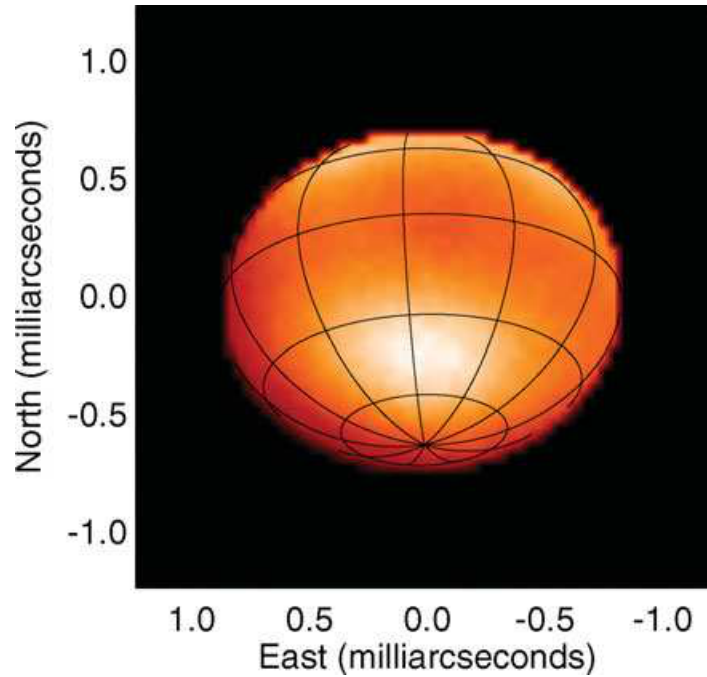


Figure 1: An example of a figure. Here we have a reconstructed image of Alderamin from Zhao, Monnier, and Che, 2011 in 4T.

References

- Monnier, J. D. et al. (July 2007). “Imaging the Surface of Altair”. In: *Science* 317, pp. 342–.
- Zhao, M., J. D. Monnier, and X. Che (July 2011). “Interferometric studies of rapid rotators”. In: *Active OB Stars: Structure, Evolution, Mass Loss, and Critical Limits*. Ed. by C. Neiner et al. Vol. 272. IAU Symposium, pp. 44–55.

Observing Methodology (How will your observations be made? Which beam combiner and baselines do you need? What special needs do you have? How will you analyze your data? Do you plan on being on-site? Include a calculation of observing time needed. If long-term, summarize progress and needs.) -

Text here.

Object Catalog – Please use the magnitude corresponding to telescope acquisition and to your selected instrument waveband. (Add rows as needed)

HD Number	SpT	Obj/Cal	V (mag)	H (mag)	Ang Size (mas)	RA (hr min sec)	Dec (° ' ")
HD 187642 (Altair)	A7Vn	Obj	0.76	0.24	4.2	19 50 46.99	+08 52 05.95

Status of Unpublished Data (Detail your intentions and schedule regarding any unpublished data you already have in hand. Because of observing time pressure, a record of productive use of prior data will play a determining role in scheduling decisions.) -

Text here.

If you observed at CHARA in 2021 or 2022, how successful were those observations?

Text here.