

# manuscripTEX

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## Abstract

TBD.

*Keywords:* keyword1, keyword2, keyword3

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## 1. Before you begin to edit

- (1) Rename XXX to something meaningful - say YYY.
- (2) Update XXX in makefile - the meaningful YYY.
- (3) Update BIBMASTER in makefile. This is the absolute path to your master  
5 .bib file.
- (4) Edit YYY.tex as you see fit. For now, I recommend editing just the basics-  
working title, author list, etc.
- (5) To create YYY.pdf, open the terminal and type *make pdf*. This will create  
YYY.pdf but also create a bunch of other quasi-importan files. Your pdf  
10 does not have citations yet. To to this you must *make bib*. Now you have  
generated a list of citations but they have not yet been added to the pdf.  
*make pdf* to add the citations. You still dont have cross referencing yet.  
*make pdf* again. Now you have all sorts of extra files you dont really know  
what to do with. *make clean* to remove these files. If all this seems tiring  
15 just type *make* to excecute the entire workflow (latex+bib+crossref+clean)  
all at once.
- (6) Congratulations you have just compiled a tex file! Now would be a good  
time to checkpoint (small) progress you have made. Open the terminal and  
type *make snapshot*. This will create v1.
- 20 (7) When you get back to it- edit v1 to your heart's extent.
- (8) After you've made enough changes and want to create a checkpoint for  
yourself (or you want to call it a day and come back later).
- (9) Only then you can begin editing v1.
- (10) To create a markup, i.e. highlight differences between current and previous  
25 version at any point- make markup.

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- (11) If you wish to checkpoint your progress and/or share, *make markup* at any point in time. This will make a backup and automatically create a new version of the file to begin editing.
- (12) When you create a snapshot.

## 30 2. Experiments

Any guesses what equation 1 is?

$$\dot{m}'' = \sqrt{\frac{k_b}{2\pi m}} \left( \alpha_e \rho_{sat}^V(T_i^L) \sqrt{T_i^L} - \alpha_c \rho^V \sqrt{T^V} \right) \quad (1)$$

A test image (figure 1).



Figure 1: Go Huskies!

## 3. Citation

Random citation / selfless self-advertisement [1].

## 35 4. Conclusion

No template is ever complete without *lorem ipsum*:

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## References

- 50 [1] K. Bellur, E. F. Médiçi, J. C. Hermanson, C. K. Choi, J. S. Allen, Determining solid-fluid interface temperature distribution during phase change of cryogenic propellants using transient thermal modeling, *Cryogenics* 91 (2018) 103–111. doi:10.1016/j.cryogenics.2018.02.009.