

# A Lovely Name For Your Thesis

A dissertation submitted to the University of Dublin  
for the degree of Doctor of Philosophy

Your Name  
Trinity College Dublin, January 2012

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SCHOOL OF PHYSICS  
UNIVERSITY OF DUBLIN  
TRINITY COLLEGE



## Declaration

I declare that this thesis has not been submitted as an exercise for a degree at this or any other university and it is entirely my own work.

I agree to deposit this thesis in the University's open access institutional repository or allow the library to do so on my behalf, subject to Irish Copyright Legislation and Trinity College Library conditions of use and acknowledgement.

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## Summary

You should write a nice summary here...

*A dedication if you wish...*

## Acknowledgements

Some sincere acknowledgements...

# List of Publications

1. **Surname, A.**, Surname, B. A., & Surname, C.  
“A Wonderful Paper that I Wrote”,  
Proceedings of the 16th Wonderful Workshop on things that are Great.  
Lovely Society of the Amazing Conference Series, vol. 448, pp. 713 (2011)

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# 1

## Introduction

Here is the introduction of the thesis, complete with a few references (??). Section 1.1 contains Equation 1.1, Section 1.2 has Figure 1.1 and Section 1.3 has Table 1.1. Chapter 2 has pretty much nothing in it.

### 1.1 First Section

This section has an equation. Here it is:

$$L_{\odot} = 4\pi R_{\odot}^2 \sigma T_e^4 \tag{1.1}$$

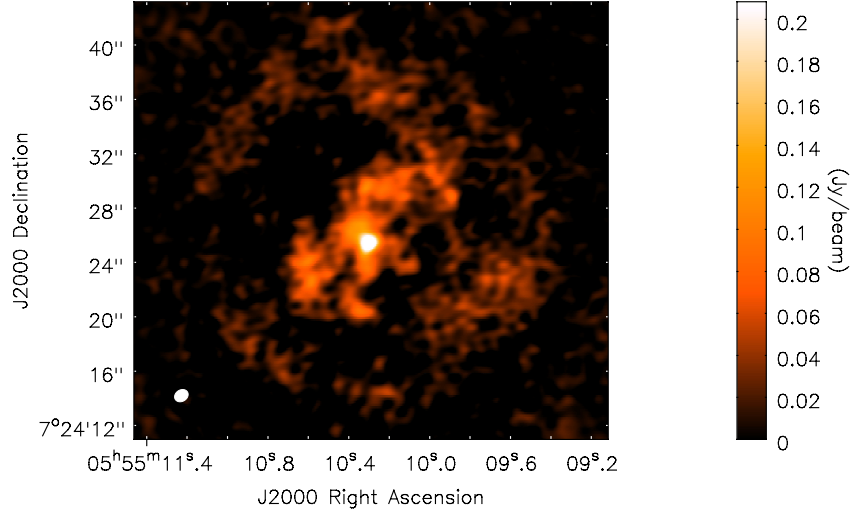
which is a nice way of describing the luminosity.

### 1.2 Second Section

So this section has a figure in it<sup>1</sup>. That figure depicts the basic structure of a red giant.

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<sup>1</sup>And also a footnote.



**Figure 1.1:** Red Giant and Asymptotic Giant Branch Stars. The left side of the figure shows the basic structure of a star on the giant branch of the HR diagram, while the right side shows a similar star after it has evolved to ascend the asymptotic giant branch. *Image Credit: Australian Telescope National Facility.*

## 1.3 Second Section

This section contains a basic table.

Energy Flux	Calculated Value ( $\text{erg cm}^{-2} \text{ s}^{-1}$ )
$L_{noise}$	$1.7 \times 10^7$
$F_{\star}(tot)$	$7.9 \times 10^5$
$F_W$	$4.7 \times 10^5$
$F_{M_S}$	$7.5 \times 10^5$
$F_{M_A}$	$2.3 \times 10^6$

**Table 1.1:** Red giant atmospheric energy budget values.

# 2

## More Stuff

So this Chapter has nothing really, apart from a shout out to Appendix [A](#), and maybe a few more sample references (??).



## A Nice Appendix

This is where the appendix would go...