

# Curriculum Vitae: Brent Groves

## Personal Information

**Full Name:** Brent Allan Groves  
**Date Of Birth:** 30<sup>th</sup> December 1976  
**Address:** Sterrewacht Leiden  
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**Nationality:** Australian

## Education

<b>1989 – 1994</b>	Secondary	Parkdale Secondary College, Victoria, Australia
<b>1995 – 1998</b>	Undergraduate	Batchelor of Science (Honours) Monash University (Clayton), Victoria, Australia
<b>2000 – 2004</b>	Graduate	PhD thesis Research School of Astronomy & Astrophysics Australian National University, ACT, Australia
<b>2003</b>	Graduate	Graduate Course on Scientific Communication

## Theses

**Honours:** General Relativity and the equation of Motion for a Charged Particle  
Supervisor: Dr. T. Lun  
**PhD:** Dust and Radiation Pressure in Photoionized Plasmas  
Supervisors: Prof. M. Dopita & Dr. R. Sutherland

## Research Experience

<b>Nov 1997 to Feb 1998</b>	Summer Student project with Dr. K. Wu at Sydney University on General relativistic effects on line emission
<b>Feb 1998 to Oct 1998</b>	Honours project at Monash University
<b>Nov 1998 to Feb 1999</b>	Summer Student project with Dr. G. Bicknell at RSAA, ANU on electron – positron composition of AGN jets
<b>Mar 1999 to Jun 1999</b>	Research Assistant to Dr. T. Lun at Monash University
<b>Feb 2000 to Jul 2004</b>	Thesis Research at RSAA, ANU
<b>Oct 2004 to Oct 2006</b>	Postdoctoral Research at MPA, Garching, Germany
<b>Nov 2006 to Present</b>	Postdoctoral Research at Leiden Observatory, Netherlands

## Conference Organisation Experience

2001	IAU Symposium 209: Their Evolution and Role in the Universe
2005	Ringberg Workshop: Simulations to Surveys (LOC/SOC)
2008	Lorentz Centre: Fitting the SEDs of Galaxies (Co-Organizer)

## Teaching Experience

1995 – 1997	Secondary and tertiary Tutoring – Monash Tutoring Service
1998 – 1999	Mathematics Help Centre – Monash University
1998 – 1999	1 <sup>st</sup> year Maths Tutorial – Monash University
2 <sup>nd</sup> Sem 2001	1 <sup>st</sup> year Astronomy Tutorial – ANU
Summer 2002-2003	Assisted Supervision of Summer research student
1 <sup>st</sup> Sem 2003	1 <sup>st</sup> Year Astronomy Tutorial – ANU
2003	Assisted supervision of Honours student
2007 - 2008	Masters' students small & large projects
2007 - Now	PhD student - Advisor
2008 - Now	PhD student - Co-supervisor

## Observational Experience

MSSSO 2.3m DBS	Optical Spectroscopy of Planetary Nebulae
ATCA	Radio HI Imaging of LMC superbubbles
ATCA	Radio continuum + HI observations of SINGS galaxies

## Programming Experience

UNIX, Macintosh operating systems  
Frequent IDL, IDL programming course level 2  
Fortran programming  
Experience in Perl, C, MPI  
LaTeX word processing  
Astronomical software: IRAF, MIRIAD

## References

Prof. M. Dopita	Dr. B. Brandl	Prof. H. Netzer
RSAA, ANU	Sterrewacht Leiden	School of Physics &
Mt Stromlo Observatory	Leiden University	Astronomy
Cotter Rd	Niels-Bohrweg 2	Tel-Aviv University
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