

NRAO 50th Anniversary Science Symposium “Frontiers of Astrophysics”

Proceedings Information for Invited Talks

The symposium proceedings will be published in the Astronomical Society of the Pacific (ASP) Conference Series, as a volume to be edited by Alan Bridle, Jim Condon, and Gareth Hunt of the NRAO. You are invited to contribute your talk to this volume.

The deadline for receipt of manuscripts of invited talks for the publication is Friday, August 17, 2007.

General instructions for preparing a contribution:

Contributions must be formatted with LaTeX-2e using the ASP Conference Series style file asp2006.sty. This file and the ASP’s instructions for using it are (a) on the USB memory stick in your arrival package and (b) in the archive ASPauthor.zip which can be downloaded from the “Proceedings” link at the symposium web site www.nrao.edu/50/ or from the ASP authors’ web site at www.aspbbooks.org/author_information/

Please review the ASP’s author instructions in the file aspauthor2006.pdf before you begin to prepare your contribution. The ASP file asptemplate.tex contains a template for initial formatting.

1. **Your paper will be allocated up to ten proceedings pages**, including its reference list. Please compile your contribution with LaTeX-2e and asp2006.sty to check that it meets this page allocation, and send the compiled output file with your manuscript (see below).
2. **Figures must be in black and white**, preferably as Encapsulated Postscript (.eps) files. They may be compiled into your contribution using either the graphicx package and \includegraphics (see instructions in usinggraphicx.pdf of the ASP package) or the ASP/AAS_{TeX} commands \plotone, \plottwo, or \plotfiddle.
3. **Please include references using the LaTeX {thebibliography} and \bibitem environment, and “Abt format” – author, year, journal, volume, page:**

Abt, H. 1990, ApJ, 357, 1

and use ‘ApJ rules’ on numbers of authors (first author et al. for >8 authors) and citations (first author et al., except for the first citation of a three-author paper).

4. **Please use the following convention to name your files**, where surname (all lower case) is your surname:

surname.tex	for the LaTeX source,
suramefig1.eps, suramefig2a.eps	for Figure 1, Figure 2a, etc
surname.ps or surname.pdf	for Postscript /PDF output of your compiled paper

LaTeX details

1. **Do not edit the style file asp2006.sty or the preamble in asptemplate.tex, and do not use \def or \renewcommand** – this would affect other papers when all are compiled together.
2. **Please do not define personal LaTeX commands with \newcommand.** If you *do* define a new command please prepend your surname to it, e.g. \newcommand{\surnamecmd}{my new

command} so your definition does not clash with any elsewhere, e.g. in the ASP style.

3. **Please make any LaTeX \label or \bibitem labels in your source text unique** by preceding them with your surname followed by a colon (:), e.g. \label{surname:fig1}.
4. **Keep all your input files in one directory** to avoid using pathnames in your document.

Copyright

If you wish to re-use a Figure that has previously been published elsewhere, we must (a) obtain written permission to do this from the original publisher and author and (b) acknowledge the previous publication in your Figure caption. Please ensure that your Figure captions acknowledge any re-use of Figures and then either (1) convey the names of the original publishers and authors of the Figure to nrao-50@nrao.edu so that we can obtain the necessary re-use permission, or (2) obtain the re-use permission yourself and include it as a file in your ftp upload.

You must also sign a Publication Agreement and Copyright Assignment with the ASP (attached) in respect of your contribution. **Please give your signed copyright agreement to Laurie Clark before you leave Charlottesville.**

Sending your contribution to the NRAO:

Please review the ASP authors' checklist authorcklist.pdf before you send your files. Then bundle your LaTeX source surname.tex, any surnamefig*.eps figure files, and a Postscript or PDF file with your LaTeX output (plus any copyright releases you have obtained for re-use of figures) into a single compressed ZIP or tar archive (e.g, surname.zip, surname.tar.gz) and upload this archive to incoming/nrao50 at [ftp.cv.nrao.edu](ftp://ftp.cv.nrao.edu) with anonymous-ftp in binary mode. An example dialog might be

```
ftp ftp.cv.nrao.edu
User (donar.cv.nrao.edu:(none)): anonymous
Password: your_email_address
ftp> cd incoming/nrao50
ftp> binary
ftp> send c:/PC/surname.zip surname.zip
```

```
You should then see
150 Opening BINARY mode data connection for surname.zip
226 Transfer complete.
ftp: <filesize> bytes sent in <time> Seconds
documenting transfer of your contribution to the NRAO server
```

```
ftp> quit
```

Alternatively, you can use a Java-enabled web browser with the upload tool at the 'Proceedings' link at www.nrao.edu/50/ to automate your ftp upload (please 'accept' any 'certificates' presented to your web browser by the upload tool)

Your LaTeX-2e output will (a) show us how you prefer your paper to look when formatted and (b) verify that your input files compile correctly. We will make the copy-edited version of your talk available for you to review as soon as possible after we receive your contribution - details will be sent to you by email. (Note that the drafts sent to the upload area will *not* be remotely viewable.)

Again, the deadline for receipt of papers is August 17, 2007. We look forward to receiving them, and please do not hesitate to contact us by email at nrao-50@nrao.edu or by telephone at the numbers listed below if you have any questions.

Alan Bridle (tel. 434-296-0375)
Jim Condon (tel. 434-296-0322)
Gareth Hunt (tel. 434-296-0290)