IIA Technical Report Series

Guidelines for Authors

Preamble: IIA has an excellent Engineering Group consisting of specializations in areas such as Electronics, Computer Science, Mechanical, Civil, Electrical, Optics etc. This team provides support to IIA’s observational facilities and develops front-end technologies for various science driven instrumentation programs. Several scientists are also engaged in development and testing of astronomical instruments either independently or in collaboration with engineers. It is generally found that most of these innovations and contributions are not recorded appropriately and thus lose them in due course of time. Documenting these activities and also generating technical reports will not only give due credit to the individual scientist/engineer but also contribute to the overall publications of IIA. These can be in the areas of electronics, optics, mechanical, civil, computer science, calibration of an instrument etc. and/or interdisciplinary as required. Technical contributions of the following kind may be submitted as IIA Technical Reports.

1. Any new concept or design of an instrument to meet specific science requirements.
2. New instrument realization details.
3. New techniques developed with innovative approach.
4. Test and calibration of an instrument.
5. Control systems and Software development.
6. Improvements on the existing facilities or technologies

Guidelines

1. Bibliographic information such as title, author(s), abstract, key words and references in addition to the main contents of the report are mandatory.
2. Specific contribution of each author should be mentioned at the end of the report.
3. Due acknowledgements should be given where necessary.
4. If the contents of the report is a subset of a larger project, then the author/s should give an overview (couple of paragraphs) of the total project. This should also include the objectives of the project.
5. Technical reports can preferably be in .doc format.
6. The technical reports should be submitted to publications@iiap.res.in.

The Process

1. All the contributions submitted as Technical Reports will be refereed by the experts in the field and/or the members of the Editorial Board.
2. The primary aim of refereeing is to help (if necessary) improve the contents and presentation of the report.
3. These reports – on acceptance – will be sent to the Library for indexing, creating meta data and finally will be uploaded in the Open Access Repository.

4. Authors of Technical Reports are encouraged to publish papers based on the reports in any of the refereed journals or present them in appropriate National/International conferences.

**Format for references**

**Journal Paper**


**Book**


Where specific pages of a book are cited, these should be given at the text citation, not in the reference list.

**Paper or Chapter in an Edited Collection**

Huchra, J. P. 1986, in Inner Space/Outer Space, ed. E. W. Kolb et al. (Chicago, IL: Univ. Chicago Press), 65

**Conference Proceedings**


**Electronic Conference Proceedings** (published only online)

Gomez, M. 2000, in Cosmology 2000, ed. M.C. Bento, O. Bertolami, & L. Teodoro (Lisbon: Inst. Superio Tecnico), 57,


**Star Catalogs**


**Electronic Newsletters** (published only online)

Hermoso, D. 1996, ESA IUE Electron. Newsl. 46,

http://www.vilspa.esa.es/iue/nl/newsl_46.html

Bersier, D., et al. 2004, GCN Circ. 2544,


**Instrument Documentation**

Spitzer Science Center. 2004, Spitzer Observers' Manual (Pasadena, CA: SSC), http://sirtf.caltech.edu/SSC/obs/

Preprints

References to preprints are acceptable only for papers not yet in print. For papers that have been accepted but are not yet in print, the preprint number may be given at the end of a reference submitted or in press (i.e., Smith, A. B. 1999, AJ, in press (arXiv:astro-ph/9912345)).

Papers Submitted or In Press