Going AIPS: A Programmer's Guide to the NRAO Astronomical Image Processing System

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DRAFT

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ABSTRACT

This manual is designed for persons wishing to write programs using the NRAO Astronomical Image Processing System (AIPS). It should be useful for a wide range of applications, from making minor changes in existing programs to writing major new applications routines. All basic aspects of AIPS programming are dealt with in some detail.

AIPS programmers:

Bill Cotton — Image construction and applications routines
Phil Diamond — Spectroscopy
Chris Flatters — Polarization and VLBI
Eric Greisen — TVs and AIPS
Kerry Hilldrup — UNIX and Cray COS implementations
Gareth Hunt — Data formats
Bill Junor — VLBI
Glen Langston — Imaging
Nancy Maddalena — LaTeX conversion
Dean Schlemmer — AIPS software administrator

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