

Astronomical Society of Australia

Proceedings

Volume 8 Number 4 1990

Invited

| | | |
|--|------------------|-----|
| The Role of Supercomputers in Astronomical Modelling | D. J. Faulkner | 319 |
| VLBI in the 1990s | K. I. Kellermann | 327 |
| The Business of Science | T. W. Cole | 330 |

Extragalactic

| | | |
|--------------------------------------|--|-----|
| Universal Gravity: was Newton Right? | A. E. Wright, M. J. Disney & R. C. Thomson | 334 |
|--------------------------------------|--|-----|

| | | |
|---------------------------------------|---|-----|
| Polarization in the Magellanic Clouds | R. F. Haynes, S. Wayte, J. I. Harnett, U. Klein, R. Wielebinski, U. R. Buczilowski, E. Bajaja, D. Malin, J. D. Murray, A. J. Hunt, R. Wark & L. Sciacca | 339 |
|---------------------------------------|---|-----|

| | | |
|-----------------------------------|---------------------------------------|-----|
| Investigating the Halo of the LMC | S. M. G. Hughes, P. R. Wood & N. Reid | 343 |
|-----------------------------------|---------------------------------------|-----|

| | | |
|--|------------------------------|-----|
| Radio Observations of the <i>Einstein</i> Deep X-ray Field in Pavo | T. R. Bedding & A. J. Turtle | 348 |
| Non-constant Superluminal Velocities in AGN | C. S. Coleman | 353 |

Galactic and Stellar

| | | |
|---|-----------------|-----|
| A Linear Acceleration Emission Mechanism | E. T. Rowe | 357 |
| H α and H β Imaging of the Planetary Nebula NGC 6302 | M. C. B. Ashley | 360 |

Solar & Solar System

| | | |
|--|-------------------|-----|
| Neptune's Triton: A Moon Rich in Dry Ice and Carbon? | A. J. R. Prentice | 364 |
|--|-------------------|-----|

Instruments and Basic Astronomy

| | | |
|--|---|-----|
| A Catalogue of QSOs and Link Stars for the HST link of the Hipparcos Reference Frame | G. L. White, D. L. Jauncey, J. E. Reynolds, D. Malin, A. N. Argue, J. L. Russell, K. J. Johnston, P. D. Hemenway & Chr. de Vegt | 368 |
|--|---|-----|

| | | |
|---------------------------------------|-----------|-----|
| (UK) Schmidt—AAO Style into the 1990s | A. Savage | 372 |
|---------------------------------------|-----------|-----|

| | | |
|---|---------------------------|-----|
| RINGO: a Method of Determining Radio Source Positions | R. M. Wark & A. E. Wright | 375 |
|---|---------------------------|-----|

| | | |
|---|--------------|-----|
| Preliminary Results from the Automated Patrol Telescope | P. W. Brooks | 377 |
|---|--------------|-----|

| | | |
|------------|--|--|
| CCD Camera | | |
|------------|--|--|

History of Australian Astronomy

| | | |
|---|--|-----|
| The Fortieth Anniversary of Extragalactic Radio Astronomy: J. G. Bolton | | 381 |
| Radiophysics in Exile | | |

Cover Story

| | | |
|-------------------------|-------------|-----|
| The ATNF Logo Revisited | G. L. White | 384 |
|-------------------------|-------------|-----|

Society Business

| | | |
|---------------------------------|--|-----|
| Council Meetings and AGM report | | 386 |
|---------------------------------|--|-----|

| | | |
|--|--|--|
| Papers presented at the 23rd AGM, 1989 | | |
|--|--|--|

| | | |
|--|--|--|
| Astronomers Set Priorities For New Instruments | | |
|--|--|--|

List of Members

| | | |
|--------------------------------|--|-----|
| Contents Lists Numbers 1,2,3,4 | | 398 |
|--------------------------------|--|-----|

Index for volume 8

Cover

| | | |
|---|--|-----|
| The Australia Telescope logo viewed in the context of the AT site; see article by G. L. White | | 403 |
|---|--|-----|