

## 1989 CFHT Refereed and Accepted Staff Publications

- Adam, G., Bacon, R., Courtès, G., Georgelin, Y., Monnet, G., Pécontal, E. "Observations of the Einstein Cross 2237+030 with the TIGER Integral Field Spectrograph," *Astron. Astrophys. Letters*, 208, L15.
- Davidge, T.J. "The Chemical Composition and Age of the Blue Compact Dwarf Galaxy Haro 2," *Publ. Astron. Soc. Pac.*, 101, 494.
- Davidge, T.J., Jones, J.H. "The Evolved Stellar Content of Holmberg IX," *Astron. J.*, 97, 1607.
- Davidge, T.J., Maillard, J. P. "Two Micron Spectroscopy of the Blue Compact Dwarf Galaxy Haro 2," *Astrophys. J.*, in press.
- Davidge, T.J. "Two Micron Spectroscopy of the Nucleus of M32," *Astron. J.*, in press.
- Hammer, F., Le Fèvre, O., Jones, J., Rigaut, F., Soucaill, G. "Probable Additional Gravitational Images Related to the CL 2244-02 Arc and B,V,R, Photometry of the Cluster Core," *Astron. Astrophys. Letters*, 208, L7.
- Hammer, F., Le Fèvre, O. "High Spatial Resolution Imaging of 10 $\geq$ 1 3CR Galaxies and Statistical Evidence for Selection Effects from Gravitational Amplification," *Astrophys. J.*, in press.
- Hewett, P.C., Webster, R.L., Harding, M.E., Jedrzejewski, R.I., Foltz, C.B., Chaffee, F.H., Irwin, M.J., Le Fèvre, O. "A New Wide-Separation Gravitational Lens Candidate," *Astrophys. J. Letters*, 346, L61.
- Hudon, J.D., Richer, H., Pritchett, C.J., Crabtree, D., Christian, C.A., Jones, J. "The Late-Type Stellar Content of NGC 2403," *Astron. J.*, 98, 1265.
- \*Laval, A., Rosado, M., Boulesteix, J., Georgelin, Y.P., Marcelin, M., Monnet, G., Le Coarer, E. "Scanning Interferometer Observations of the SNR N 186D in the Large Magellanic Cloud," *Astron. Astrophys.*, 208, 230.
- Le Fèvre, O., Hammer, F. "3CR208.1: A Radio-Loud Quasar at z=1.02 Gravitationally Amplified by a Foreground Seyfert Galaxy at z=0.159," *Astrophys. J. Letters*, in press.
- McClure, R.D., Grundmann, W.A., Rambold, W.N., Fletcher, J.M., Richardson, E.H., Stilburn, J.R., Racine, R., Christian, C.A., Waddell, P. "An Image-Stabilization, High Resolution Cam-

era for the Canada-France-Hawaii Telescope, "Publ. Astron. Soc. Pac., in press.

- McLaren, R. "Recent Developments at Canada-France-Hawaii Telescope," *Astrophys. Space Science*, 160, 255.
- Mitchell, G.F., Curry, C., Maillard, J.-P., Allen, M. "The Gas Environment of the Young Stellar Object GL 2591 Studied by Infrared Spectroscopy," *Astrophys. J.*, 341, 1020.
- Pritchett, C.J., Harris, W.E. "A Globular Cluster System Surrounding the CD Galaxy NGC 6166," *Astrophys. J.*, submitted.
- van den Bergh, S., Pritchett, C.J. "The Crab Synchrotron Nebula at 0".5 Resolution," *Astrophys. J.*, 338, L69.

\* Indicates papers based on observations other than CFHT.

Please direct all requests for papers to primary author.

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## OBSERVING RUN STATISTICS

During the first semester of 1990 (90I), the telescope is scheduled for scientific use on 163 nights (90%) and for engineering on 18 nights (10%). This compares with 156 scientific nights (85%) and 27 engineering nights (15%) in 89II. The engineering time includes 2 nights for each of two visitor instruments: the DAO HR Camera and the IFA CCD on the FTS. During the 163 scientific nights, 53 observing pro-

grams are scheduled. The table below shows the distribution of these programs and the allotted nights between the various instruments and configurations. It also shows the number of times each instrument will be installed on the telescope. There will be 10 upper-end exchanges.

CFHT INSTRUMENTS	Set-ups	Programs	Nights	VISITOR INSTRUMENTS	Set-ups	Programs	Nights
FTS	2	7	22 <sup>1</sup>	DAO HR Camera	2	6	21
Herzberg	1	6	21 <sup>2</sup>	IFA CCD	2	5	12
PF CCD Imaging	2	5	19 <sup>2</sup>	TIGRE Spectro	1	5	9 <sup>1</sup>
Palila	1	4	11	CIRCUS IR Camera	1	3	8 <sup>1</sup>
PUMA Focal Reducer	1	3	8	C10 $\mu$ Camera	1	3	7
Coudé Spectro. + Reticon	1	2	8	Montreal Photometer	1	1	4
Coudé Spectro. + CCD	1	1	4	Meudon Polarimeter	1	1	4
				FTS + IFA CCD	1	1	2
<b>CFHT INST. TOTAL</b>	<b>9</b>	<b>28</b>	<b>93</b>	<b>VISITOR INST. TOTAL</b>	<b>10</b>	<b>25</b>	<b>67</b>
<sup>1</sup> Includes 1 discretionary night		<sup>2</sup> Includes 2 discretionary nights		<b>DISCRETIONARY</b>	<b>-</b>	<b>-</b>	<b>3</b>
The 90I schedule is a particularly efficient one, involving only 19 instrument set-ups. Visitor instrument use represents 41% of all scientific observing. This high value results primarily from the heavy usage of the DAO HR Camera (21 nights).				(& not included above)			
				<b>SCIENTIFIC TOTAL</b>	<b>19</b>	<b>53</b>	<b>163</b>
				The average number of nights/visitor program is 2.9.			