

Mahalo for Contributions to Annual Report

Our warmest *mahalo nui loa* to all of you who sent in material for the scientific section of the 1988 Annual Report. Your submissions were not only timely but especially well written this year. The editing job was (almost) a pleasure! We hope you will appreciate seeing the results of your work appear in the Annual Report, and we look forward to your continued fine contributions in the future.

Bob McLaren and Guy Monnet

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Questions and comments about the Bulletin should be sent to the attention of Dr. O. Le Fèvre at CFHT.

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STAFF CHANGES

Three vacancies among the technical staff were filled during the first semester 1989. **John Horne** brought his extensive experience in servo systems, communications and radar, acquired during a stay of more than 8 years on Kwajalein Atoll, to the TCS group in February. After holding a number of contract positions in the electronics laboratory at Dominion Astrophysical Observatory in Victoria, **Dean Josephson** took up his duties in Waimea on 1 May as a member of the electronic instrumentation group. Also in May, **Michael Buckles** left his aircraft maintenance job with Aloha Airlines in Honolulu to join CFHT. He will apply his skill as an electrician and mechanic both within the "day crew" at the observatory and in Waimea.

Following these recruitments, the Corporation became fully staffed with 34 technical, 9 administrative and 7 scientific personnel. This authorized level remains unchanged since April 1987.

However computer systems engineer **Jon Brewster**, who came to CFHT less than two years ago, could not refuse an offer by his former employer to return to private industry and left for Oregon in late June.

Also **Pat Waddell**, who had joined the electronics group in 1981 to soon become its leader, has accepted an engineering and teaching position at the University of Washington and will move to Seattle in August.

Having spent the first half of his sabbatical year at CTIO in Chile, **Chris Pritchett** arrived in Waimea in February to spend six months as a visiting scientist at CFHT before resuming his duties at the University of Victoria.

OBSERVING RUN STATISTICS

During the second semester of 1989 (89II), the telescope is scheduled for scientific use on 156 nights (85%) and for engineering on 27 nights (15%). This compares with 161 scientific nights (89%) and 20 engineering nights (11%) in 89I. The engineering includes a 17-night shutdown in August to correct the support of the primary mirror. During the 156 scientific nights, 60 observing programs 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 9 upper-end exchanges. For comparison, the corresponding figures for 88II and 89I can be found in the report on Observing Statistics.

CFHT INSTRUMENTS	Set-ups	Programs	Nights	VISITOR INSTRUMENTS	Set-ups	Programs	Nights
PF CCD Imaging	4	10	36 ¹	CIRCUS IR Camera	1	5	9
F/8 CCD Imagine	1	2	5	DAO RV Scanner	2	3	9
Coudé Spectro. + CCD	3	5	12	IFA CCD	2	3	8
Coudé Spectro. + Reticon	3	4	11	DAO HR Camera	1	3	7
FTS	2	8	14	UBC Focal Reducer	1	2	6
Spectro Herzberg	1	4	13	Speckle Camera + CP40	1	2	5
Palila	1	4	8	10µm Imager	1	1	4
PUMA Focal Reducer	2	3	7	FTS + IFA CCD	1	1	2
CFHT TOTAL	17	40	106	VISITOR TOTAL	10	20	50
				SCIENTIFIC TOTAL	27	60	156

¹ Includes 8 discretionary nights currently unassigned to any program.

Visitor instrument use represents 32% of all scientific observing, quite less than the very high value of 37% during 89I. The number of set-ups is also back to more normal values, but partly because of the August shutdown. The average number of nights/visitor program is 2.5.