

# STAFF CHANGES

## DEPARTURES

### Pierre Bely Takes Position at STSci

Pierre Bely, our Chief Engineer, left the Corporation at the end of September to take a position as Telescope Engineer with the Space Telescope Science Institute in Baltimore. Pierre's association with the CFHT project began nearly 15 years ago, in fact before the collaboration between Canada, France and Hawaii was initiated. At that time, he was an engineer in the Technical Division of INAG, and participated in the definition of the French "Projet de Grand Télescope". He made site studies on Mauna Kea, aerodynamic studies of various dome designs, and projections of capital and operational costs.



With the signing of the Tripartite Agreement in 1974, and the establishment of the CFHT Corporation, Pierre became the French Chief Engineer, operating from the Project Office in Meudon. He supervised the design and fabrication of all elements of the project allocated to France and managed the entire construction budget. In 1976, he moved to La Rochelle to follow the assembly and shop testing of the mechanical structure of the telescope. Then in August 1977, he relocated to the Big Island to prepare for the installation of the Project Office in Hawaii and for the arrival of the telescope.

Following the commissioning of the telescope in September 1979, the Project Office was disbanded and Pierre became the Corporation's Chief Engineer. In this capacity, he assumed overall technical responsibility for the operation of the telescope. He supervised the commissioning of the various foci and the telescope instrumentation. In particular, he played a key role in the realization of the modified support system for the f/8 secondary mirror.

CFHT is known around the world for its excellent seeing, and much of the credit for this belongs to Pierre Bely. Right from the start, the observatory was designed so as not to degrade the superb conditions that prevail on Mauna Kea. As Pierre described in his article in Information Bulletin No. 11 (August 1984), great care was taken to provide temperature stabilization and to minimize wind buffeting. After the commissioning of the telescope, Pierre led a continuing campaign to identify and eliminate heat sources in the dome. The result is what we confidently believe to be the best seeing on earth.

On behalf of the entire CFHT community, we say mahalo nui loa to Pierre for his 15 years of invaluable service, and we extend our very best wishes for continued success in the new challenges he will face with the Hubble Space Telescope.

## ARRIVALS

Having obtained an engineering degree from the Ecole Supérieure d'Optique (Paris-Orsay), Pierre KERN arrived in Waimea during November, accompanied by his family. He will spend 14 months at CFHT, while completing his military service as a coopérant, and we will benefit from his reinforcing the optical instrumentation group headed by D. Salmon. In particular, he will be given the task of building a detector calibration bench under the scientific responsibility of C.T. Hua, as well as attacking some problems of dome seeing.

We were remiss in not reporting before now the arrival of John HAMILTON, who joined the staff as a Telescope Operator late in 1983. John has an M.S. in astronomy from U.H. and worked as a T.O. at the NASA Infrared Telescope Facility before joining CFHT. Prior to that he had worked at both the Mees Solar Observatory and the Lunar Ranging Facility on Haleakala, Maui.

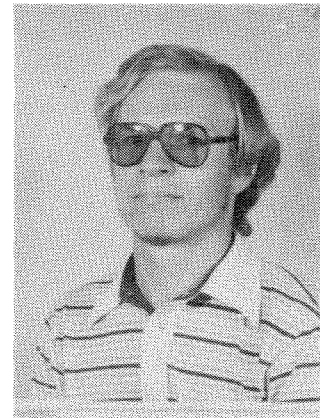
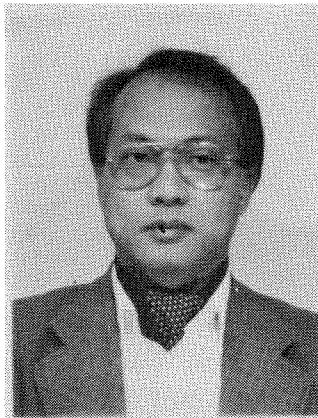
## Two New Resident Astronomers

Two new resident astronomers, one from France and one from Canada, took up their positions during the past six months.

Dr. Chon Trung HUA is the new French Resident Astronomer, replacing Jean-Pierre Maillard, who departed at the end of June. Trung joined the staff of Laboratoire d'Astronomie Spatiale de Marseille (LAS) in 1966 and has worked there since that time. During his 17 years at LAS, Trung has been involved in a number of space astronomy projects using balloons, rockets, and satellites, as well as in ground-based observations. In addition to some purely French space experiments (JANUS, FAUST, D2B, etc.), he was an active participant in collaborative efforts with both American and Russian scientists (Galactika, UFT, analysis of lunar samples, etc.). At LAS, Trung established a laboratory for absolute photometry in order to exploit space observations, particularly in the ultraviolet, and he has become an expert in the techniques of absolute photometry.

To obtain complementary ground-based observations, Trung Hua has collaborated with the Chalonge Group using the telescopes at OHP, ESO, and CFH. Specifically, he has detected SO<sub>2</sub> in the atmosphere of Venus, and has observed star-formation regions, HII regions, planetary nebulae, and nearby galaxies for photometric studies at high spatial resolution. Trung completed his doctoral thesis in 1974 on the subject "Absolute Energy Measurements of Stellar Continua and Nebulae".

During the past several years, Trung has also supervised the development of the CFHT photon-counting camera. He now assumes, along with his other duties, scientific responsibility for this instrument.



Dr. Richard CROWE, who is the new Canadian Resident, arrived in July. Rick is a native of Montreal, Quebec. After completing his B.Sc. in astronomy in 1974 at the University of Western Ontario

(U.W.O., London, Ontario), Rick did an M.Sc. at U.W.O., where his thesis was entitled "Semiconvection in Low-mass Main Sequence Stars". He then served for two years as Resident Observer at the University of Toronto 61-cm telescope on Las Campanas, Chile. Following his return from Chile, Rick entered the Ph.D. program at Toronto, and last spring completed his thesis on spectroscopic studies of Mira variables. Rick's principal research interests are in the area of astronomical spectroscopy and stellar evolution. Among his main scientific responsibilities is the supervision of the coude spectrograph and Reticon detector, and the support of visiting observers. He is also the editor of the Information Bulletin.

OBSERVING TIME ON THE CFH TELESCOPE IS ALLOCATED TWICE A YEAR BY THE TIME ALLOCATION COMMITTEE.

REQUESTS FOR OBSERVING TIME FOR THE SECOND SEMESTER OF 1985 SHOULD BE SUBMITTED BEFORE MAR. 1, 1985 TO THE AGENCIES.

For Canadian astronomers:  
Canadian Applications Committee  
CFHT, c/o Director  
Herzberg Inst. of Astrophysics  
National Research Council  
Ottawa, Ont. - Canada K1A 0R6

For French astronomers:  
M. le Directeur de l'Institut  
National d'Astronomie  
et de Géophysique  
77, avenue Denfert-Rochereau  
75014 Paris - France

For Hawaiian astronomers:  
Director  
Institute for Astronomy  
2680 Woodlawn Drive  
Honolulu, Hawaii 96822  
U.S.A.