

NRAORA NEWS

JOSEPH L. PAWSEY, NOTED AUSTRALIAN RADIOASTRONOMER, APPOINTED DIRECTOR OF NATIONAL RADIO ASTRONOMY OBSERVATORY

Appointment of Joseph L. Pawsey as new Director of the National Radio Astronomy Observatory was announced December 13 by Alan T. Waterman, Director of the National Science Foundation, and I. I. Rabi, President of Associated Universities, Inc.

Dr. Pawsey, an internationally known radioastronomer, is now Assistant Chief of the Division of Radiophysics of Australia's Commonwealth Scientific and Industrial Research Organization (CSIRO). He is a fellow of the Royal Society, and served as president of the Radio Astronomy Commission of the International Astronomical Union from 1952-58. He will succeed Otto Struve, our first Director, who is returning to full time research and writing.

"Appointment of Dr. Pawsey to this post will ensure that the vigorous and important research program instituted by the Observatory under Dr. Struve will continue at a high level of achievement," Dr. Waterman said. "In addition, this will greatly improve interchange between Australian radioastronomers, who in many respects lead the world in this important scientific field, and our own radio astronomy community. We expect to gain much from Dr. Pawsey's presence in this country. We are thoroughly delighted that he has accepted the post."

Professor Rabi also expressed his pleasure at the appointment on behalf of Associated Universities, Inc., which manages and operates the Observatory on contract with NSF. "Dr. Pawsey's work is well known throughout the world," Professor Rabi said, "and his reputation among radioastronomers is of the highest order. The arrangement between the Commonwealth Scientific and Industrial Research Organization, Associated Universities, Inc., and the National Science Foundation, enabling Dr. Pawsey to assume this post, is most gratifying to all of us."

The CSIRO has agreed to grant Dr. Pawsey leave of absence to accept the position of Director. He will assume his new post in October 1962, but expects to visit the Observatory prior to that time. In the interim David Heeschen is Acting Director. Dr. Heeschen has been Head of Telescope Operations at the Observatory.

Dr. Pawsey has held his present position with CSIRO since 1951, and has been associated with the organization since 1939. During World War II he worked on radar development, and beginning in 1945 has done radio research, particularly in the fields of radio astronomy and the ionosphere.

Just prior to World War II he carried out television develop-

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mental work for a five year period from Electric and Musical Industries, Ltd., London, England. From 1931-34, he did research on the ionosphere at the Cavendish Laboratory, Cambridge, England.

Dr. Pawsey was born May 14, 1908, at Ararat, Victoria, Australia. He received his education at Wesley College and Queens College of the University of Melbourne in Australia, and Sidney Sussex College of Cambridge University, England, where he received his Ph.D. He has published several books and numerous papers, and has been a leader in the Radio Astronomy Group of CSIRO's Radio-physics Laboratory since its inception in 1945.

Dr. Struve Leaving NRAO

Because he wished to devote more time to research, Dr. Struve resigned his position as Director of the NRAO, effective November 30, 1961, and has accepted a position as Visiting Professor of Astronomy at the California Institute of Technology for four months, effective March 1, 1962. He has also been appointed Addison White Greenway Visiting Professor of Astronomy at the California Institute of Technology (and staff member of the Mount Wilson and Palomar Observatories) for three years, effective July 1, 1962, where he will lecture one quarter each year. He expects to devote the remainder of each year to research and to finishing a book on stellar spectroscopy.

Dr. Heeschen has been appointed Acting Director at the NRAO beginning December 1, 1961.

Children's Christmas Party

Thursday night, Dec. 21. The conference room never looked so good with a night blue sky and silver stars peeking through and a lovely tree. The scene was the Recreation Association's first annual Christmas party. Over 32 children and approximately 50 parents were entertained by a movie rendition of "The Night Before Christmas" and "The Nativity". A charming young quartet and a duet sang lovely Christmas melodies which really gave us that Christmas spirit, and last, but not least, Jolly Ole Saint Nick arrived with a "Ho Ho Ho" and a gift for each and every boy and girl. After devouring a goodly number of cookies and punch, the happy group bid good-night with memories of a wonderful evening.

(Pictures of the party are posted on the bulletin board. The NRAORA expects to have these photographs for sale soon.)

Harry Wooddell and Phyllis Jackson, Co-chairmen of the Entertainment Committee, would like to thank everyone who helped with either the Children's Party or the dance. The conference room is beautifully decorated for the dance tonight. See you at the dance.

Activities Committees Meet

Harry Wooddell and Phyllis Jackson Women's Activities Committee, and Paul Devlin and Omar Bowyer, Men's Activities Committee, met on December 13 to make a list of activities NRAORA members and their families might be interested in. This list of activities was distributed to the members, and they were asked to list their preference, as well as that of other members of their family, in numerical order (1,2,3, etc.) This was done to find out what activities held the most interest for our members and their families and to establish a starting point for our Association.

Due consideration should be given to all listings and every member should return his copy to Phyllis Jackson on or before January 5, with the items marked which are of the most interest to him and his family. All write-ins will be counted and compiled in order.

Volleyballs and basketballs have been bought with a strong desire to get the "ball rolling". Each member, or member of his family, interested in either is asked to contact someone on the activities Committee. We would like to have both men's and women's teams.

Duty is a task we look forward to with distaste, perform with reluctance -- and brag about afterwards.

DANCE

The first annual NRAORA Dance is tonight. Seating has been arranged for 146 people, with a nice dance

floor. All available tickets have been sold, and so it looks like our first dance is going to be a real "smash".

On December 13, Bristol Steel & Iron Works, Inc. completed their contract for the structural steel for the 300-foot telescope, and have now moved their equipment from the site.

On December 5 and 6, George Arnold, a nine year old child who was first place winner in a Children's Quiz Show, sponsored by ABC-TV, visited the Observatory. His visit to the Observatory was his award for winning the contest.

On December 6, 10 students from West Virginia Tech and 30 students from the University of Virginia visited the Observatory. Dr. Drake talked to this group and gave them a tour of our facilities.

We now have an ice-skating rink behind the lab building. This pond is 50' x 150'.

FOR SALE

1958 Buick 2-door Riveria. See Jim Simmons, Works'Area.

Pony, 46" high, with saddle and bridle. See Pat Hall

Astronomy Department

Dr. and Mrs. C. R. Lynds have moved to Tucson, Arizona, where Dr. Lynds has accepted a position as assistant astronomer at the Kitt Peak National Observatory. He will be doing research in optical astronomy, and one of his projects will be "Effects of Atmospheric Seeing".

Dr. T. K. Menon has gone to Ohio State University, where he will be Associate Professor of Physics, Astronomy and Electrical Engr. His duties there will be mainly research, with a very small amount of teaching.

Dr. and Mrs. David Hogg announce the birth of a son, Brian Edward, on Sunday, December 17, 1961, at the Marlinton Hospital. He weighed 8 lb., 4 oz. Congratulations.

Wally Oref has returned to work at NRAO as Public Education Officer. Wally has moved his family from Wheeling, W. Va. to Green Bank. They are living in the Shinaberry House, recently vacated by the Lynds.

Facts and Figures

Mrs. Pat Bryant and family have moved from Arbovale to Cass. They are building a new house in Arbovale, and it will be ready for occupancy in the early Spring.

Mr. and Mrs. Edward Wilson had as their guests on Christmas Day Miss Joan Crampin and Ruben Dugatkin and Amelio Filloy.

Harry Wooddell spent several days last week in Washington, D. C.

Lab Gab

Frank Perry, formerly a salesman for ChemCity Electronics, has joined the technician group. Mr. Perry has moved his family from Crab Orchard, W. Va. to Cass.

David Durand resigned from the NRAO and is entering Indiana Technical College for three years. After he has completed his schooling, he plans to return here to work.

John Parker spent November 20 and 21 in Boston, Mass. attending a school sponsored by Di/An Controls, Inc.

Dewey Ross and David Durand attended the Zenith Radio School in Chicago December 14, 15, 18 and 19.

Joe Carter, a co-op student from Georgia Tech, has returned to school. His alternate, Alan Roth, is expected to arrive on January 2 for a 3 months period. Joe is from Huntington, W. Va. and Alan is from Hemstead, New York.

After a recent trip to the CITY, Dr. Hvatum announced that he had learned the T-W-I-S-T. Bet he would teach all of us.

Eager Beavers

Bob Elliott and family are spending the holidays with Mr. and Mrs. Jim Elliott and son in Apopka, Florida. Jim visited the Observatory during Thanksgiving. He is employed by Advanced Research & Development Corporation, of Orlando, Florida.

The NRAO fire truck has been completely reconditioned and ready for use. This truck is equipped with 1000 gallon booster tank, and all other types of extinguishers. The pumping unit pumps 750 gallon per minute.

Skeptics have pooh-pooed every great advance of science and every outstanding invention. Autos, radio television, movies -- none of them were practical, to hear the stand-patters tell it. Eighty years ago a bishop in the Middle West preached a sermon castigating visionaries who dared predict that one day men would fly through the air like birds. "Flight is reserved for the angels," thundered the good bishop, "and to say men will fly is downright blasphemy."

The name of this bishop, incidentally, was Milton Wright, - he had two sons, one named Orville, the other Wilbur.

For Sale or Trade

One John Deere farm tractor. See Bob Auldridge, Works Area.

H E L P -- We need a name for our paper - please let the editor have your suggestions before next deadline (January 29, 1962).

This is the first NRAORA newspaper, besides needing a name, we also need items of interest for this paper. Please, anyone who has any suggestions on improving this paper, contact your editor (P. Jackson).

Scope Scoops

Arnold and Faye Davidson enjoyed a tremendous trip to Cleveland with friends and saw the Cleveland Browns play the Philadelphia Eagles.

Howard Brown is very busy these days building a house. on the road between the road between the North Fork and Pine Grove Roads. Why not go up and see (probably he could use your help.)

Fred and Omar killed big bucks during deer season. About 99% luck and 1% skill is the consensus of opinion, but they seem to think the reverse is true.

A Very Happy New Year is sent from the Telescope Operators.

85-Foot News

Sandy Weinreb finished his experiments December 16 after continuous observing from August 10. A mass effort to remove his equipment and install NRAO's went into effect. Now all telescope operators seem pleased and adjusted to routine observing -- (except George!).

Lyndell Brooks has been visiting the Observatory during the Christmas-New Year vacation. Lyndell finishes school this semester.

40-Foot News

The 40-foot scope was tested December 14 for the first time fully automatic. The results were perfect, meaning everything worked exactly as planned. The primary function of the equipment is to position the scope and the data, just as the operators do at the 85'. Lots of work is still to be done on the pillbox and position calibration. But by February 1, 1962, the NRAO will have the first fully automatic radio telescope on this planet. Congratulations should be bestowed on Dr. Heeschen, F. Crews and B. Waltman for a job well done.

A HAPPY NEW YEAR TO EVERYONE.

P. Jackson, Editor
O. Bowyer)
B. Sheets) Reporters