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CONTENTS

CASCA 1991 Annual General Meeting	M. De Robertis	2
Job Opening - Saint Mary's University		2
Postdoctoral Position - Université Laval		3
Poste de Stagiaire Post-Doctoral - Université Laval		3
Summary of the 1990 D.R.A.O. Users' Committee Report		3
Journal of the Royal Astronomical Society of Canada	J.B. Tatum	4
Invitation from the R.A.S.C.		
Invitation de la S.R.A.C.	D. Lemay	5
Spare Journals	J.B. Tatum	5
Canadian Astronomy Publications		6



CASCA 1991 ANNUAL GENERAL MEETING

The 22nd Annual General Meeting of CASCA, co-sponsored by York University and the Institute for Space and Terrestrial Science, will be held on the campus of York University in Toronto from 10-12 June 1991. A detailed description of this meeting was provided in the preliminary announcement booklet that was mailed in late February to all registered CASCA members. If for some reason you did not receive the information booklet, please contact me as soon as possible at the address below and I will be happy to forward a copy, although it may be more expeditious to refer to a colleague's booklet at this point.

Deadlines:

Completed Registration and Abstract forms (found in both English and French at the end of the announcement booklet) must be postmarked no later than **19 April 1991**. The deadline for the Accommodation form is **10 May 1991**. Forms sent by FAX or e-mail cannot be accepted.

Scientific Schedule:

The first day of the meeting, Monday 10 June, will feature three invited talks: two will be devoted to *Scientific Results from HST*, and the third will be the R. M. Petrie Memorial Lecture. An optional education session, *Teaching Science Through Astronomy*, will be held in the early evening. The H. S. Hogg Public Lecture, co-sponsored by CASCA and the Royal Astronomical Society of Canada, will be delivered by Professor K. Innanen later in the evening.

The second day of the meeting, Tuesday 11 June, has been designated "theme day" and will be devoted to the James Clerk Maxwell Telescope. Co-organized by the HIA, a number of national and international invited speakers will present review talks on a wide variety of subjects from star formation to quasars.

The final day of the meeting, Wednesday 12 June, will feature a lecture by the Plaskett Medal winner.

Other Events:

We encourage participants who arrive before noon on Sunday 9 June to participate in a special "CASCA tour"

of the McMichael Art Collection — an extensive collection of *Group of Seven* and other Canadian paintings. A welcoming reception will be held on Sunday evening in the Faculty Club. The Society banquet will take place on the evening of Tuesday 11 June in the Canada West Dining Room at Black Creek Pioneer Village which is situated next to York University. The Society's Annual Business meeting and CITA's Annual General Meeting will take place in the afternoon of Wednesday 12 June.

For a more complete summary of the upcoming meeting, please refer to the preliminary announcement booklet (especially with respect to travel and accommodation details). Graduate students should take particular note of the *Spar* and *COMDEV* bursaries established for this meeting. These bursaries are intended to provide partial financial assistance for (some) graduate students who present either an oral or poster paper. Because of the limited amount of funding, the local organizing committee will decide the award winners and size of each award after the registration deadline.

For further programme information (or when all else fails) please contact:

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MICHAEL DE ROBERTIS
CHAIRMAN
LOCAL ORGANIZING COMMITTEE

JOB OPENING SAINT MARY'S UNIVERSITY

The Department of Astronomy at Saint Mary's University anticipates that there will be a vacancy this spring at the position of Department Technician. This is a faculty support position requiring a university degree and related experience. Interested persons should contact the Chairperson, Department of Astronomy, Saint Mary's University, Halifax, NS B3H 3C3 (E-mail: TURNER@HUSKY1.STMARYS.CA) to receive a formal job notice when it appears.

POSTDOCTORAL POSITION IN ASTRONOMY AND ASTROPHYSICS
POSTE DE STAGIAIRE POST-DOCTORAL EN ASTRONOMIE ET ASTROPHYSIQUE
LABORATOIRE D'ASTROPHYSIQUE, DEPARTEMENT DE PHYSIQUE
UNIVERSITE LAVAL

We invite applications for a one-year post-doctoral position at the Astrophysics Laboratory of the Physics Department to begin not later than 1 September 1991. Subject to fund availability this position could be renewed. The successful candidate will spend 80% of his/her time on research (collaboration with staff members is encouraged), and 20% managing the Laboratory's SUN environment which includes Sun 3, Sun 4, and Sparc 1+ workstations running IRAF/STSDAS, AIPS etc. Thus, some familiarity with the Unix Operating System, or a willingness to acquire it, is required. The Computer Center offers a VAX 6230 running VMS and a Convex 250. Université Laval provides access to a superbly equipped 1.6 m optical telescope at the Mont Mégantic Observatory which is operated jointly with Université de Montréal. Both Departments form an Astronomy Center. In addition, the successful candidate will have access to all Canadian national facilities. The main interests of the staff, composed of E. F. Borra, E. Hardy, G. Joncas, S. Pineault, and J.-R. Roy, lie in the areas of galaxies, cosmology, star formation and the interstellar medium, compact objects, and instrumentation. Observational and theoretically-oriented candidates are encouraged to apply. Candidates should submit a curriculum vitae, description of interests, publication list, and have three letters of recommendation sent directly, all by 1 June 1991.

Prof. Eduardo Hardy
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Le Laboratoire d'astrophysique du Département de Physique de l'Université Laval fait un appel de candidatures pour un poste de stagiaire post-doctoral, débutant au plus tard le 1er septembre 1991. Selon les fonds disponibles, ce poste pourrait être renouvelé au delà de la première année. Le(la) candidat(e) choisi(e) devra consacrer 80% de son temps à la recherche (la collaboration avec les autres membres du groupe est encouragée), et 20% à la gestion du système informatique du Laboratoire, comprenant des stations de travail Sun 3, Sun 4 et Sparc 1+ utilisant les logiciels IRAF/STSDAS, AIPS, etc. En conséquence, une connaissance du système d'exploitation Unix ou la volonté de l'acquérir est nécessaire. Le Centre de calcul de l'Université est muni d'un VAX 6230 opérant sur VMS, ainsi que d'un Convex 250. L'Université Laval donne accès à un télescope optique de 1,6 m de diamètre possédant une instrumentation des plus complètes. Ce télescope, situé à l'Observatoire du Mont Mégantic, est opéré conjointement avec l'Université de Montréal avec laquelle nous formons un Centre d'Astronomie et Astrophysique. De plus, la personne choisie aura accès à toutes les installations nationales. Les principaux intérêts du groupe, composé de E.F. Borra, E. Hardy, G. Joncas, S. Pineault et J.-R. Roy, résident dans les domaines suivants: galaxies, cosmologie, formation d'étoiles et milieu interstellaire, objets compacts, et instrumentation. Aucune distinction ne sera faite entre les candidat(e)s en ce qui a trait à leur orientation, qu'elle soit observationnelle ou théorique. Les personnes intéressées doivent demander que trois lettres de recommandation soient expédiées directement à l'adresse ci-dessous, et faire parvenir leur curriculum vitae, une description de leurs intérêts et la liste de leurs publications, le tout, avant le 1er juin 1991.

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SUMMARY OF THE 1990 D.R.A.O. USERS' COMMITTEE REPORT

The 1990 DRAO Users' Committee comprised R. Perley (Chairman), J. Bally, M. Fich, S. Pineault and D. Routledge. The Committee met at D.R.A.O. on the 19th and

20th of October, 1990 to hear briefs from various senior members of the staff, and to consult with staff members on subjects within the terms of reference for the com-

mittee. These terms of reference require the committee to examine and report on five operational areas: (1) the state of the Observatory; (2) the support given to users; (3) telescope scheduling policies; (4) priorities assigned to development projects; and (5) direction of future technical efforts related to DRAO observing facilities. The following paragraphs summarize the Committee's report.

The Committee is very satisfied with the progress made in the last year towards completion of the 7-element Synthesis Telescope ('ST') project. The array will be finished in mid-1991, only a few months behind the originally proposed schedule. The DRAO staff and administration are of outstanding calibre and deserve congratulations on this impressive achievement, obtained despite chronic problems with funding and manpower. However, the committee is very concerned with predictions that staff levels will not rise, and that annual funding may actually decline from present levels. We feel that addressing these needs is of the highest priority for HIA management. The 7-element ST is a world-class instrument, uniquely suited for the study of Galactic emission, and should be supported at a level concomitant with its capabilities.

The Committee feels that staff support for visiting users is of the highest quality. However, it is very clear that future needs in this area will greatly exceed those required for the old, 4-element array, since the data flow and the mapping rate will be very much higher than before. A critical need for rapid and efficient data calibration and imaging software will accompany completion of the array but progress towards developing this software is severely restricted by limits in staff levels. The committee

notes with satisfaction that progress toward procurement of suitable computing hardware is good.

On a related issue, the Committee notes that optimal use of the seven-element ST will require a greater number of external users, and recommends that suitable advertisement to the world's astronomers be made to inform potential users of the unique abilities of the array. The expected increase in external use of the array will require that the array's data be easily exported to allow analysis at the users' home institution. The committee recommends that calibrated data be made routinely available in UVFITS format for this purpose. Further, the committee recommends that HIA offer a modest travel support program, similar to those offered by national facilities in other countries, in order to encourage external users to visit the DRAO.

The committee is satisfied with telescope scheduling policies, and recommends no change in the policies for future scheduling of the 7-element ST.

In the area of priority given to development projects, the committee recommends the highest priority be given to completion of the array, and to development and support of software required to handle the array's data. Beyond these, the committee feels that continued low-level support of the 26-meter is well justified, and supports limited development of the solar monitoring program with the goal of increasing the efficiency of that service.

Finally, the committee supports the 'Radio Schmidt' concept, and recommends further development of the proposal.

JOURNAL OF THE ROYAL ASTRONOMICAL SOCIETY OF CANADA

This is to draw the attention of members of CASCA to the above JOURNAL, and to say that we very much welcome papers and articles in English or in French from professional astronomers. We publish articles of general interest from both amateurs and professionals on a wide variety of astronomical topics, but we also particularly welcome original research papers. The JOURNAL is the only Canadian astronomical journal in which Canadian professional astronomers can publish the results of their research, and I, with the support of the National Council of the R.A.S.C., am committed to maintaining the high international standards that were set for the JOURNAL by my predecessors. Most of the invited papers and several of the contributed papers from the 1989 "Kingston" conference were published in the JOURNAL, and we were

very grateful to the organizers of that conference for this encouragement. We do have to ask authors with access to institutional or grant funds to pay a page charge of \$60 per page, and we provide 50 free offprints to those authors who can do this. All papers, whether general articles or research results, amateur or professional, invited or contributed, are fully refereed to professional standards, and should be cited as such in grant applications and curricula vitae.

JEREMY B. TATUM
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INVITATION FROM THE R.A.S.C.
INVITATION DE LA S.R.A.C.

The year 1990 will be remembered by RASC members, for it was marked by special ceremonies on the occasion of the 100th anniversary of the Society's incorporation.

At the beginning of its history many professional astronomers played a most important role in the conduct of the affairs of the Royal Astronomical Society of Canada; and today, although to a lesser extent, many of them continue to do so. As membership grew over time, the weight of amateurs has become proportionally more important. This is not a bad thing in itself, because more amateurs means more people selling the science of astronomy and getting public support.

Nonetheless we at the RASC wish continued cooperation with professional astronomers, and I am pleased to use this opportunity to invite CASCA's members to join us. Membership in the RASC provides many benefits, among them a copy of the Observer's Handbook and a subscription to the Journal. The latter is the only Canadian astronomical publication devoted to professional papers. The Society publishes this Journal bi-monthly. Individual membership is \$32.00 per year or \$640 life. Sorry, institutions can not apply for membership, though they can subscribe to the Journal at the cost of \$72.00 per year. Single copies of the Journal are \$12.00, and of the Observer's Handbook, \$13.50. Bulk prices depend on the quantity ordered.

Application for membership or enquiries regarding our publications should be addressed to:

R.A.S.C.
136 Dupont Street
Toronto, ON
M5R 1V2 TEL: (416)924-7973

Yours Sincerely,
Damien Lemay
President, RASC

L'année 1990 va demeurer dans la mémoire des membres de la SRAC, parce qu'elle fut marquée de cérémonies spéciales à l'occasion de son 100ième anniversaire d'incorporation.

Au début de son histoire, plusieurs astronomes professionnels ont joué un rôle des plus importants dans l'administration de la Société Royale d'Astronomie du Canada; et aujourd'hui, bien qu'à un niveau moindre, plusieurs d'entre eux continuent à le faire. Avec le temps, à mesure que le membership augmenta, proportionnellement le poids des amateurs est devenu de plus en plus important. Ce n'est pas une mauvaise chose en soit, parce que plus d'amateurs signifient plus de personnes qui vulgarisent la science de l'astronomie et qui cultivent ainsi le support du public.

Néanmoins, nous de la SRAC, souhaitons continuer à coopérer avec les astronomes professionnels, et il me fait plaisir d'utiliser l'opportunité qui m'est donnée d'inviter les membres de CASCA à se joindre à nous. Être membre de la SRAC fournit plusieurs bénéfices, dont une copie de l'Observer's Handbook et une souscription au Journal. Ce dernier est la seule publication Canadienne dévouée aux articles des astronomes professionnels. La Société publie le Journal sur une base bi-mensuelle. Le membership individuel est de \$32.00 par année ou \$640.00 pour membre à vie. Désolé, les institutions ne sont pas acceptées comme membre, mais peuvent souscrire au Journal au coût de \$72.00 par année. À l'unité, le Journal se vend \$12.00, et l'Observer's Handbook, \$13.50. Il y a des prix réduits pour les commandes de gros, dépendant des quantités requises.

Adresser vos inscriptions ou commandes pour publications à:

S.R.A.C.
136 rue Dupont
Toronto, ON
M5R 1V2 TEL: (416)924-7973

Très sincèrement vôtre,
Damien Lemay
Président, SRAC

SPARE JOURNALS

We have a number of spare journals which we would be glad to donate to any library or astronomical institute that needs them. Just write to me with your requests. We shall have to ask recipients to pay the mailing costs, except perhaps for single issues or very small orders. In the list below, the letter C indicates "complete".

Astrophys. J. Vols. 124(2,3) 125(2,2,3) 126(C) 126(2)
127(1,2) 128(1) 132-3(C) 133(1) 134(1,3) 135(1)
136(1,2) 137(1,1-4) 140(1) 141(1,2,4) 144-158(C) 148-
158(C) 150(2,3) 151(C) 153(C) 154(2,3) 155(C) 156(3)
171-188(C) 189(2,3) 190-202(C)
Astrophys. J. Index 1974-1975

Astrophys. J. Letters Vols. 148-150(C) 148-149(C) 150(2,3) 151-158(C) 151(C) 151(2) 152-155(C) 163(2) 166(2,3) 167(2) 171-202(C) 178(3) 212(1)
Astron. J. Vols. 59(2-6,9) 60(2,3,6,8) 61(4) 64(2) 65(3-10,6,7) 66(1-4,1-6,8-10) 67(1,6,8,10) 68(1,2) 69(1,3,5-10) 70(1-3,5-8)
Bull. A.A.S. Vols. 1(1,4,4) 2(1-4,4 Part I) 3(1,2,4 Part I)
J. Brit. Astron. Assoc. Vols. 79(5) 80(1,3-6), 81(1,1-3) 86(6) 87(1,3-5) 88(1,2) 89(1) 97(2)
Jour. Roy. Astr. Soc. Can. Nos. 376 378 381 388-393 405 420 504 514 516-527 528-537
Mercury 1973(Sep/Oct,Nov/Dec) 1974(Jan/Feb) 1975(Jul/Aug) 1976(Sep/Oct) 1977(Jan/Feb)
Observer's Handbook RASC 1954-1958 1970 1973-1982 1973-1976 1975 1978 1982

P.A.S.P. Nos. 379 384 386-7 409-428 426 430-466 449-466 486 491-493 495-515 509-510 514-528 516-518 557
Sky and Tel. 1963 (Nov) 1964(Jan, Oct-Dec, Dec) 1965(Jan) 1971(May, Jun, Sep) 1977(Dec) 1979(Sep, Oct, Dec) 1980(Jan) 1981(Jun)
Astronomical Ephemeris and Nautical Almanac 1977
Memoirs R.A.S. 73(3)
The Observatory No. 1078
Q.J.R.A.S. Vols. 11(5,5) 12(2) 14(1) 23(3)

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CANADIAN ASTRONOMY PUBLICATIONS

December 5, 1990 to March 12, 1991

If you have a preprint or other Canadian publication, we would like to include it in this list. Please send a copy (or a photocopy of the title page) to:

Canadian Astronomy Publications List
 Astronomy Library
 University of Toronto
 Room 1306
 60 St. George Street
 Toronto, Ontario
 M5S 1A7

A. PREPRINTS OF RESEARCH PAPERS

The following is a list of preprints written by Canadian astronomers and received at the Astronomy library within the dates given above. The preprints are arranged in alphabetical order according to the surname of the first listed author. Originating institution and date of receipt at the library are given.

- Baldwin, J.A., Martin, P.G., et al., *Physical conditions in the Orion Nebula and an assessment of its helium abundance.* Ohio State/CITA, 14-Dec-1990.
 Bandiera, R., van den Bergh, S., *The evolution of the optical remnant of Kepler's supernova.* Dominion Astrophysical Observatory, 12-Feb-1991.
 Bandiera, R., van den Bergh, S., *Changes in the optical remnant of Kepler's supernova during the period 1942-1989.* Dominion Astrophysical Observatory, 12-Feb-1991.
 Bastien, P., Arcoragi, J.-P., Benz, W., Bonnell, I., Martel, H., *Fragmentation of elongated cylindrical clouds I. Isothermal clouds.* Université de Montréal, 21-Feb-1991.
 Bietenholz, M.F., Kronberg, P.P., *Radio spectral index variations in the Crab Nebula.* David Dunlap Observatory, University of Toronto, 17-Dec-1990.
 Bietenholz, M.F., Kronberg, P.P., Hogg, D.E., Wilson, A.S., *The expansion of the Crab Nebula.* David Dunlap Observatory, University of Toronto, 17-Dec-1990.
 Bonnell, I., Martel, H., Bastien, P., J.-P. Arcoragi, Benz, W., *Fragmentation of elongated cylindrical clouds III. Formation of binary and multiple systems.* Université de Montréal, 21-Feb-1991.
 Bonnell, I., Bastien, P., *The collapse of cylindrical isothermal and polytropic clouds with rotation.* Université de Montréal, 21-Feb-1991.
 Cote, P., Welch, D.L., Mateo, M., Fischer, P., Madore, B.F., *Baade-Wesselink radii for NGC 1866 cepheids.* McMaster University, 5-Feb-1991.
 Couchman, H.M.P., Carlberg, R.G., *Large-scale structure in a low bias universe.* David Dunlap Observatory, University of Toronto, 11-Mar-1991.

- Davidge, T.J., *Absorption line gradients in the spectrum of M32*. Canada-France-Hawaii Telescope, 10-Jan-1991.
- Dewdney, P.E., Landecker, T.L., *The proposed Radio Schmidt Telescope: the technical challenges*. Dominion Radio Astrophysical Observatory, 11-Dec-1990.
- Ellingson, E., Yee, H.K.C., Green, R.F., *Quasars and AGN in rich environments, I. Fields surrounding optically faint quasars*. Dominion Astrophysical Observatory, 12-Feb-1991.
- Evans, N.R., *A magnitude-limited survey of cepheid companions in the ultraviolet*. Institute for Space and Terrestrial Sciences, York University, 28-Feb-1991.
- Fernie, J.D., *A search for eclipses in delta Sagittae*. David Dunlap Observatory, University of Toronto, 18-Jan-1991.
- Fernie, J.D., *The variability of HR 8062*. David Dunlap Observatory, University of Toronto, 11-Mar-1991.
- Friel, E.D., Geisler, D., *Washington CCD photometry of the disk globular clusters NGC 5927 and NGC 6496*. Dominion Astrophysical Observatory, 12-Feb-1991.
- Fullerton, A.W., Gies, D.R., Bolton, C.T., *Detection of small-amplitude pulsations in HD 34656 (O7 II)*. David Dunlap Observatory, University of Toronto, 7-Dec-1990.
- Green, D.A., *Limitations imposed on statistical studies of galactic supernova remnants by observational selection effects*. Dominion Radio Astrophysical Observatory, 19-Dec-1990.
- Green, D.A., *Compact radio sources in the galactic plane near $\lambda=140$, $b=0$* . Dominion Radio Astrophysical Observatory, 19-Dec-1990.
- Higgs, L.A., Landecker, T.L., Israel, F.P., Bally, J., *A 408-MHz radio survey of the region surrounding Simeis 57*. Dominion Radio Astrophysical Observatory, 11-Dec-1990.
- Hogg, D.W., Quinlan, G.D., Tremaine, S., *Dynamical limits on dark mass in the outer solar system*. Canadian Institute for Theoretical Astrophysics, 18-Jan-1991.
- Horne, K., *Variability and structure of accretion disks in cataclysmic variables*. Space Telescope Science Institute, 1-Mar-1991.
- Hutchings, J.B., Cartledge, S., Pazder, J., Thompson, I.B., *A study of the young massive cluster N90 in the SMC*. Dominion Astrophysical Observatory, 12-Feb-1991.
- Kaiser, N., *Evolution of clusters of galaxies*. Canadian Institute for Theoretical Astrophysics, 1-Mar-1991.
- Kaiser, N., *Local large-scale structure: dynamics and statistics*. Canadian Institute for Theoretical Astrophysics, 1-Mar-1991.
- Kallrath, J., Milone, E.F., Stagg, C.R., *Modeling of the eclipsing binaries in the globular cluster NGC 5466*. University of Calgary/Rothney Obs., 19-Feb-1991.
- Kim, K.-T., Tribble, P.C., Kronberg, P.P., *A search for intracluster magnetic fields in clusters of galaxies*. David Dunlap Observatory, University of Toronto Canadian Institute for Theoretical Astrophysics, 14-Dec-1990.
- Kim, S.-H., Raga, A.C., *The collimation of a time-dependent stellar wind*. David Dunlap Observatory, University of Toronto Canadian Institute for Theoretical Astrophysics, 18-Feb-1991.
- Kofman, L., *Large scale coherent structures in the universe*. Canadian Institute for Theoretical Astrophysics, 1-Mar-1991.
- Leahy, D.A., Roger, R.S., *Radio emission from the supernova remnant G160.9+2.6 (HB9)*. Dominion Radio Astrophysical Observatory, 11-Dec-1990.
- Leahy, D.A., *Properties of iron line emission in the X-ray binary GX301-2*. Max-Planck-Inst. University of Calgary, 11-Mar-1991.
- Leahy, D.A., Nousek, J., Garmire, G., *Discovery of X-ray emission associated with the Gum Nebula*. University of Calgary, 11-Mar-1991.
- McCutcheon, W.H., Dewdney, P.E., Purton, C.R., Sato, T., *Protostellar candidates in a sample of bright far-infrared IRAS sources*. University of British Columbia Dominion Radio Astrophysical Observatory, 22-Jan-1991.
- Mitchell, G.F., Hasegawa, T.I., *An extremely high velocity CO outflow from NGC 7538 IRS 9*. Saint Mary's University, 1-Feb-1991.
- Percy, J.R., Fleming, D.E.B., *A photometric survey of suspected small-amplitude red variables*. David Dunlap Observatory, University of Toronto, 31-Jan-1991.
- Plante, R.L., Lo, K.Y., Roy, J.-R., Martin, P., Noreau, L., *Possible deflection of a jet by molecular clouds in NGC 4258*. U Illinois Université Laval, 12-Mar-1991.
- Quinn, T.R., Tremaine, S., Duncan, M., *A three million year integration of the earth's orbit*. Canadian Institute for Theoretical Astrophysics, 14-Jan-1991.

- Racine, R., *Globular clusters in the halo of M31*. Université de Montréal Canada-France-Hawaii Telescope, 10-Jan-1991.
- Raga, A.C., Biro, S., Canto, J., Binette, L., *Images and line profiles from nonadiabatic jet models*. Canadian Institute for Theoretical Astrophysics, 26-Feb-1991.
- Richer, H.B., Fahlman, G.G., et al., *Globular cluster mass functions*. University of British Columbia, 19-Feb-1991.
- Routledge, D., Dewdney, P.E., Landecker, T.L., Vaneldik, J.F., *The structure of atomic and molecular gas in the vicinity of the supernova remnant HB3*. Dominion Radio Astrophysical Observatory, 7-Feb-1991.
- Rucinski, S.M., *The short-period limit for contact binaries of the W UMa type*. Institute for Space and Terrestrial Sciences, York University, 16-Jan-1991.
- Sahni, V., Feldman, H., Stebbins, A., *Loitering universe*. Canadian Institute for Theoretical Astrophysics, 21-Feb-1991.
- Stetson, P.B., *On the color and population gradients in the central-cusp globular cluster M15*. Dominion Astrophysical Observatory, 12-Feb-1991.
- Tribble, P.C., *Depolarization of extended radio sources by a foreground Faraday screen*. Canadian Institute for Theoretical Astrophysics, 14-Dec-1990.
- Turner, D.G., *Star counts and UBV photometry for the open cluster Roslund 3*. Saint Mary's University, 4-Jan-1991.
- van den Bergh, S., Morbey, C., Pazder, J., *Diameters of galactic globular clusters*. Dominion Astrophysical Observatory, 12-Feb-1991.
- van den Bergh, S., *What are anemic galaxies?*. Dominion Astrophysical Observatory, 12-Feb-1991.
- van den Bergh, S., Tammann, G.A., *Galactic and extragalactic supernova rates*. Dominion Astrophysical Observatory, 12-Feb-1991.
- van den Bergh, S., Pritchett, C.J., *Imaging of Kepler's supernova remnant*. Dominion Astrophysical Observatory, 12-Feb-1991.
- West, M.J., van den Bergh, S., *The correlation function of cD clusters*. Dominion Astrophysical Observatory, 12-Feb-1991.
- Yee, H.K.C., *A faint-galaxy photometry and image analysis system*. David Dunlap Observatory, University of Toronto, 15-Feb-1991.
- Zhang, C.Y., Green, D.A., *HI towards the lambda Orionis region*. Dominion Radio Astrophysical Observatory, 19-Dec-1990.

B. OTHER PUBLICATIONS

Galileo: pioneer scientist, Stillman Drake. Toronto : University of Toronto Press, c1990

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