

LIST OF PARTICIPANTS

M. AARONSON  
Steward Observatory  
University of Arizona  
Tucson, AZ 85721  
USA

L. AGUILAR  
Department of Astronomy  
University of California  
Berkeley, CA 94720  
USA

T. S. VAN ALBADA  
Kapteyn Astronomical Institute  
Postbus 800  
9700 AV Groningen  
The Netherlands

C. ALCOCK  
6-207 MIT  
Cambridge, MA 02139  
USA

E. ATHANASSOULA  
Observatoire de Marseille  
2, Place Le Verrier  
13248 Marseille Cédex 04  
France

J. AUDOUZE  
Institute d'Astrophysique  
98bis, Boulevard Arago  
F-75014 Paris  
France

R. BACON  
Observatoire de Genève  
Ch. des Maillettes 51  
CH-1290 Sauverny  
Switzerland

J. BAHCALL  
School of Natural Sciences  
Institute for Advanced Study  
Princeton, NJ 08540  
USA

N. BAHCALL  
Space Telescope Science Institute  
Homewood Campus  
Baltimore, MD 21218  
USA

J. BARDEEN  
Physics Department FM-15  
University of Washington  
Seattle, WA 98195  
USA

J. BARNES  
School of Natural Sciences,  
Institute for Advanced Study  
Princeton, NJ 08540  
USA

J. BEKENSTEIN  
Physics Department  
Ben Gurion University  
Beersheva 84105  
Israel

J. BERGERON  
Institute d'Astrophysique  
98 bis, Boulevard Arago  
75014 Paris  
France

S. VAN DEN BERGH  
Dominion Astrophysical Observatory  
5071 W. Saanich Road  
Victoria, BC V8X 4M6  
Canada

E. BERTSCHINGER  
Astronomy Department  
University of California  
Berkeley, CA 94720  
USA

J. J. BINNEY  
Department of Theoretical Physics  
1 Keble Road  
Oxford OX1 3NP  
United Kingdom

G. BLUMENTHAL  
Lick Observatory  
University of California  
Santa Cruz, CA 95064  
USA

P. C. BOESHAAR  
Department of Physics  
Rider College  
P.O. Box 6400  
Lawrenceville, NJ 08648  
USA

A. BOSMA  
Observatoire de Marseille  
2, Place Le Verrier  
13248 Marseille Cédex 4  
France

F. BOUCHET  
IAP et École Polytechnique  
98 bis, Boulevard Arago  
75014 Paris  
France

B. F. BURKE  
26-335, Physics  
MIT  
Cambridge, MA 02139  
USA

D. BURSTEIN  
Department of Physics  
Arizona State University  
Tempe, AZ 85281  
USA

R. H. BUSS, Jr.  
Campus Box 391 APAS  
University of Colorado  
Boulder, CO 80309  
USA

C. CANIZARES  
37-501 Physics  
MIT  
Cambridge, MA 02139  
USA

C. CARIGNAN  
Kapteyn Laboratorium  
Postbus 800  
9700 AV Groningen  
The Netherlands

R. CARLBERG  
York University  
4700 Keele Street  
Downsview  
Ontario M3J 1P3  
Canada

B. C. CARNEY  
Department of Physics and Astronomy  
Phillips Hall 039A  
University of North Carolina  
Chapel Hill, NC 27514  
USA

B. CARR  
School of Mathematical Sciences  
Queen Mary College  
Mile End Road  
London E1 4NS  
United Kingdom

S. CASERTANO  
School of Natural Sciences  
Institute for Advanced Study  
Princeton, NJ 08540  
USA

A. CAULET  
Astronomy and Astrophysics  
University of Chicago  
5640 S. Ellis Ave  
Chicago, IL 60637  
USA

G. CHINCARINI  
Department of Physics and Astronomy  
University of Oklahoma  
Norman, OK 73019  
USA

M. CRÉZÉ  
Observatoire de Besançon  
41 Ave. de l'Observatoire  
25000 Besançon  
France

R. A. DALY  
Department of Astronomy  
Boston University  
725 Commonwealth Avenue  
Boston, MA 02215  
USA

B. DATTA  
Indian Institute of Astrophysics  
Sarjapur Road  
Bangalore 560 034  
India

A. DAVIDSEN  
Department of Physics  
Johns Hopkins University  
Baltimore, MD 21218  
USA

R. L. DAVIES  
N.O.A.O.  
P.O. Box 26732  
Tucson, AZ 85726  
USA

M. DAVIS  
Department of Astronomy  
University of California  
Berkeley, CA 94720  
USA

A. DEKEL  
Department of Physics  
The Weizmann Institute of Science  
Rehovot 76100  
Israel

A. DRESSLER  
Mt. Wilson and Las Campanas  
Observatories  
813 Santa Barbara St.  
Pasadena, CA 91101  
USA

J. EINASTO  
Tartu Astrophysical Observatory  
202444 Toravere  
Estonia  
USSR

R. D. EKERS  
NRAO, P.O. Box 0  
Socorro, NM 87801  
USA

S. M. FABER  
Lick Observatory  
University of California  
Santa Cruz, CA 95064  
USA

A. C. FABIAN  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom

D. FABRICANT  
Center for Astrophysics  
60 Garden Street  
Cambridge, MA 02138  
USA

S. M. FALL  
Space Telescope Science Institute  
Homewood Campus  
Baltimore, MD 21218  
USA

J. E. FELTEN  
Laboratory for Extraterrestrial  
Physics  
Code 697, Goddard Space Flight  
Center  
Greenbelt, MD 20771  
USA

K. FREESE  
P-236  
Center for Astrophysics  
60 Garden Street  
Cambridge, MA 02138  
USA

K. C. FREEMAN  
Mt. Stromlo Observatory  
Private Bag  
Woden P.O., ACT  
2606 Australia

- C. S. FRENK  
Astronomy Centre  
University of Sussex  
Brighton BN1 9QH  
United Kingdom
- D. GERBAL  
D.A.F., Observatoire de Meudon  
92195 Meudon Cédex  
France
- O. E. GERHARD  
Max Planck Institut f. Astrophysik  
Karl Schwarzschild Str. 1  
D-8046 Garching bei München  
Federal Republic of Germany
- G. GILMORE  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom
- J. H. VAN GORKOM  
N.R.A.O., P.O. Box 0  
Socorro, NM 87801  
USA
- J. R. GOTT  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA
- R. F. GREEN  
N.O.A.O.  
P.O. Box 26732  
Tucson, AZ 85726  
USA
- E. J. GROTH  
Physics Department  
Princeton University  
Princeton, NJ 08544  
USA
- E. GUENDELMAN  
Center for Theoretical Physics  
MIT  
Cambridge, MA 02139  
USA
- J. E. GUNN  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA
- A. GUTH  
Center for Theoretical Physics  
MIT  
Cambridge, MA 02139  
USA
- F. D. A. HARTWICK  
University of Victoria  
Department of Physics  
P.O. Box 1700  
Victoria, BC V8W 2Y2  
Canada
- J. HEISLER  
6-206 Physics  
MIT  
Cambridge, MA 02139  
USA
- L. HERNQUIST  
Department of Astronomy  
University of California  
Berkeley, CA 94720  
USA
- J. HEWITT  
26-349 Physics  
MIT  
Cambridge, MA 02139  
USA
- L. HOFFMAN  
Department of Physics  
Lafayette College  
Easton, PA 18042  
USA

Y. HOFFMAN  
Department of Physics  
University of Pennsylvania  
Philadelphia, PA 19104  
USA

J. P. HUCHRA  
Center for Astrophysics  
60 Garden Street  
Cambridge, MA 02138  
USA

P. HUT  
School of Natural Sciences  
Institute for Advanced Study  
Princeton, NJ 08540  
USA

S. IKEUCHI  
Tokyo Astronomical Observatory  
Mitaka, Tokyo 181  
Japan

G. ILLINGWORTH  
Space Telescope Science Institute  
Homewood Campus  
Baltimore, MD 21218  
USA

T. ISHIZAWA  
Department of Astronomy  
University of Kyoto  
Kyoto 606  
Japan

B. J. JARVIS  
Cerro Tololo Interamerican  
Observatory  
Casilla 603  
La Serena  
Chile

C. JOG  
Department of Astronomy  
P.O. Box 3818  
University of Virginia  
Charlottesville, VA 22903  
USA

J. JONES  
NORDITA  
Blegdamsvej 17  
DK-2100 København Ø  
Denmark

B. JONES  
NORDITA  
Blegdamsvej 17  
DK-2100 København Ø  
Denmark

N. KAISER  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom

A. J. KALNAJS  
Mt. Stromlo Observatory  
Private Bag  
Woden P.O., A.C.T.  
2606 Australia

S. KENT  
Center for Astrophysics  
60 Garden Street  
Cambridge, MA 02138  
USA

G. R. KNAPP  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA

H. KODAMA  
Department of Physics  
University of Tokyo  
Bunkyo-Ku  
Tokyo 113  
Japan

J. KORMENDY  
Dominion Astrophysical Observatory  
5071 W. Saanich Road  
Victoria, BC V8X 4M6  
Canada

L. KRAUSS  
Lyman Laboratory of Physics  
Harvard University  
Cambridge, MA 02138  
USA

P. C. VAN DER KRUIT  
Kapteyn Laboratorium  
Postbus 800  
9700 AV Groningen  
The Netherlands

N. KRUMM  
Physics Department  
University of Cincinnati  
Cincinnati, OH 45221-0011  
USA

C. LACEY  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA

M. LACHIEZE-REY  
Service d'Astrophysique  
CEN-Saclay DPhG-SAp  
91191 Gif-sur-Yvette Cédex  
France

G. B. LAKE  
School of Natural Sciences  
Institute for Advanced Study  
Princeton, NJ 08540  
USA

R. B. LARSON  
Astronomy Department  
Yale University  
New Haven, CT 06511  
USA

D. LATHAM  
Center for Astrophysics  
60 Garden Street,  
Cambridge, MA 02138  
USA

B. LIEBERMAN  
Center for Theoretical Physics  
MIT  
Cambridge, MA 02139  
USA

F. J. LOW  
Steward Observatory  
University of Arizona  
Tucson, AZ 85721  
USA

V. N. LUKASH  
Space Research Institute  
USSR Academy of Sciences  
Profsojuznaya 84-32  
117810 Moscow  
USSR

D. LYNDEN-BELL  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom

J. MADSEN  
Institute of Astronomy  
University of Aarhus  
DK-8000 Aarhus C  
Denmark

E. MALUMUTH  
Department of Physics and Astronomy  
Rutgers University  
Piscataway, NJ 08854  
USA

G. MAMON  
Physics Department  
New York University  
4 Washington Place  
New York, NY 10003  
USA

L. MARTINET  
Geneva Observatory  
CH 1290 Sauverny  
Switzerland

R. D. MATHIEU  
Center for Astrophysics  
60 Garden St.  
Cambridge, MA 02138  
USA

J. MCCLINTOCK  
37-521  
Center for Space Research  
MIT  
Cambridge, MA 02139  
USA

J. MCDOWALL  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom

A. MELOTT  
Astronomy and Astrophysics  
University of Chicago  
5640 South Ellis Ave  
Chicago, IL 60637  
USA

D. MERRITT  
Department of Astronomy  
University of California  
Berkeley, CA 94720  
USA

M. MIJIC  
452-48, Caltech  
Pasadena, CA 91125  
USA

M. MILGROM  
Department of Nuclear Physics  
The Weizmann Institute of Science  
Rehovot 76100  
Israel

J. MOODY  
Institute for Theoretical Physics  
University of California  
Santa Barbara, CA 93106  
USA

R. A. NOLTHENIUS  
Steward Observatory  
University of Arizona  
Tucson, AZ 85721  
USA

C. A. NORMAN  
Space Telescope Science Institute  
Homewood Campus  
Baltimore, MD 21218  
USA

F. OCCHIONERO  
Instituto Astronomico  
University of Rome  
Via G.M. Lancisi 29  
00161 Rome  
Italy

J. P. OSTRIKER  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA

B. E. PACZYŃSKI  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA

P. J. E. PEEBLES  
Department of Physics  
Princeton University  
Princeton, NJ 08544  
USA

R. C. PETERSON  
Apt. D22  
3636 North Campbell  
Tucson, AZ 85719  
USA

J. PRIMACK  
Physics Department  
University of California  
Santa Cruz  
CA 95064  
USA

P. J. QUINN  
130-33 Caltech  
Pasadena, CA 91125  
USA

M. J. REES  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom

D. O. RICHSTONE  
Department of Astronomy  
University of Michigan  
Ann Arbor, MI 48109  
USA

M. S. ROBERTS  
NRAO  
Edgemont Road  
Charlottesville  
VA 22901  
USA

H. J. ROOD  
School of Natural Sciences  
Institute for Advanced Study  
Princeton, NJ 08540  
USA

L. RUDNICK  
School of Physics and Astronomy  
University of Minnesota  
116 Church St., SE  
Minneapolis, MN 55455  
USA

V. C. RUBIN  
Department of Terrestrial Magnetism  
Carnegie Inst. of Washington  
5241 Broad Branch Road, NW  
Washington, DC 20015  
USA

E. E. SALPETER  
Newman Laboratory of Natural  
Science  
Cornell University  
Ithaca, NY 14853  
USA

R. SANCISI  
Kapteyn Laboratorium  
Postbus 800  
9700 AV Groningen  
The Netherlands

R. L. SANDERS  
Kapteyn Laboratorium  
Postbus 800  
9700 AV Groningen  
The Netherlands

C. L. SARAZIN  
Department of Astronomy  
P.O. Box 3818  
University of Virginia  
Charlottesville, VA 22903  
USA

P. SCHECHTER  
Mt. Wilson and Las Campanas  
Observatories  
813 Santa Barbara St.  
Pasadena, CA 91101  
USA

M. SCHMIDT  
105-24 Astronomy  
Caltech  
Pasadena, CA 91125  
USA

M. SCHWARZSCHILD  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA

D. SECKEL  
Fermilab, MS 209  
P.O. Box 500  
Batavia, IL 60510  
USA

P. SEITZER  
N.O.A.O., P.O. Box 26732  
Tucson, AZ 85726  
USA



J. SELLWOOD  
 Kapteyn Laboratorium  
 Postbus 800  
 9700 AV Groningen  
 The Netherlands

P. SHAPIRO  
 Department of Astronomy  
 University of Texas  
 Austin, TX 78712  
 USA

N. A. SHARP  
 N.O.A.O., P.O. Box 26732  
 Tucson, AZ 85726  
 USA

W. L. SHUTER  
 Department of Physics  
 University of British Columbia  
 Vancouver, BC V6T 1W5  
 Canada

J. SILK  
 Department of Astronomy  
 University of California  
 Berkeley, CA 94720  
 USA

M. SKRUTSKIE  
 Space Sciences Building  
 Cornell University  
 Ithaca, NY 14853  
 USA

J. SOMMER-LARSEN  
 Niels Bohr Institute  
 Blegdamsvej 17  
 DK-2100 København Ø  
 Denmark

L. S. SPARKE  
 Institute of Astronomy  
 Madingley Road  
 Cambridge CB3 0HA  
 United Kingdom

D. N. SPERGEL  
 Center for Astrophysics  
 60 Garden Street  
 Cambridge, MA 02138  
 USA

L. STAVELEY-SMITH  
 Nuffield Radio Astronomy  
 Laboratories  
 Jodrell Bank, Macclesfield  
 Cheshire SK11 9DL  
 United Kingdom

A. STEBBINS  
 Department of Astronomy  
 University of California  
 Berkeley, CA 94720  
 USA

G. STEIGMAN  
 Bartol Research Foundation  
 University of Delaware  
 Newark, DE 19716  
 USA

M. STRUBLE  
 Department of Astronomy and  
 Astrophysics, E1  
 University of Pennsylvania  
 Philadelphia, PA 19104  
 USA

L. L. STRYKER  
 Department of Terrestrial Magnetism  
 Carnegie Inst. of Washington  
 5241 Broad Branch Road, NW  
 Washington, DC 20015  
 USA

Y. SUTO  
 Department of Physics  
 University of Tokyo  
 Bunkyo-Ku  
 Tokyo 113  
 Japan

A. SZALAY  
 Fermilab, MS 209  
 P.O. Box 500  
 Batavia, IL 60510  
 USA

P. A. THOMAS  
Institute of Astronomy  
Madingley Road  
Cambridge CB3 0HA  
United Kingdom

S. D. TREMAINE  
C.I.T.A.  
McLennan Physical Lab.  
University of Toronto  
60 St. George Street  
Toronto, Ontario M5S 1A1  
Canada

G. TRINCHIERI  
Center for Astrophysics  
60 Garden Street  
Cambridge, MA 02138  
USA

W. TUCKER  
Center for Astrophysics  
60 Garden Street  
Cambridge, MA 02138  
USA

R. B. TULLY  
Institute for Astronomy  
University of Hawaii  
2680 Woodlawn Drive  
Honolulu, HI 96822  
USA

E. L. TURNER  
Department of Astrophysical  
Sciences  
Princeton University  
Princeton, NJ 08544  
USA

M. S. TURNER  
Fermilab, MS 209  
P.O. Box 500  
Batavia, IL 60510  
USA

J. A. TYSON  
AT&T Bell Laboratories  
ID-316, Murray Hill  
NJ 07974  
USA

J. P. VADER  
Astronomy Department  
Yale University  
New Haven, CT 06511  
USA

S. VEERARAGHAVAN  
Department of Astronomy  
University of California  
Berkeley, CA 94720  
USA

E. T. VISHNIAC  
Astronomy Department  
University of Texas  
Austin, TX 78712  
USA

W. D. WATSON  
Loomis laboratory of Physics  
University of Illinois  
1110 W. Green Street  
Urbana, IL 61801  
USA

S. D. M. WHITE  
Steward Observatory  
University of Arizona  
Tucson, AZ 85721  
USA

B. WHITMORE  
Space Telescope Science Institute  
Homewood Campus  
Baltimore, MD 21218  
USA

D. WILKINSON  
Department of Physics  
Princeton University  
Princeton, NJ 08544  
USA

T. B. WILLIAMS  
Department of Physics and Astronomy  
Rutgers University  
Piscataway, NJ 08854  
USA

H. VAN WOERDEN  
Kapteyn Laboratorium  
Postbus 800  
9700 AV Groningen  
The Netherlands

J. P. WRIGHT  
National Science Foundation  
Extragalactic Astronomy  
Washington, DC 20550  
USA

W. WUENSCH  
Department of Physics and Astronomy  
University of Rochester  
Rochester, NY 14627  
USA

R. WYSE  
Department of Astronomy  
University of California  
Berkeley, CA 94720  
USA

A. YAHIL  
Astronomy Program  
State University of New York  
Stony Brook, NY 11794  
USA

W. H. ZUREK  
Theoretical Astrophysics  
T-6, MS B288  
LANL, Los Alamos  
NM 87545  
USA