

K. I. KELLERMANN

Date and Place of Birth: July 1, 1937, New York, USA

Marital Status: Married to Michele Kellermann

Children: David Andrew (deceased)
Sarah Lynn Kelsey (nee Kellermann)

Education:

1955-1959 S.B., Physics Massachusetts Institute of Technology
1959-1963 Ph.D., Physics and Astronomy California Institute of Technology

Employment:

09/59-06/63 Graduate Research Assistant California Institute of Technology
06/63-10/63 Radio Astronomy Department, California Institute of Technology
10/63-06/65 Research Scientist, CSIRO Division of Radiophysics, Sydney, Australia
06/65-06/67 Assistant Scientist, National Radio Astronomy Observatory
07/67-06/69 Associate Scientist, National Radio Astronomy Observatory
07/69-06/77 Scientist, National Radio Astronomy Observatory
01/77-06/77 Acting Director, Green Bank Operations, NRAO
11/77-79 Director, Max-Planck-Institut fur Radioastronomie (on leave from NRAO)
1995-2003 Chief Scientist, National Radio Astronomy Observatory
2003-2007 NRAO, New Initiatives Office, Head
07/78- Senior Scientist, NRAO

Other Positions Held:

04/67-07/67 Sterrewacht Leiden, Leiden, The Netherlands (on leave from NRAO)
03/69-06/69 Research Associate, Caltech (on leave from NRAO)
07/70-06/72 Adjunct Professor, University of Arizona
09/74-12/74 CSIRO Division of Radiophysics, Sydney, Australia (on leave from NRAO)
01/81-06/81& Sherman Fairchild Distinguished Visitor, California Institute of Technology
10/92-04/93 (on leave from NRAO)
2003/2005 ATNF Distinguished Visitor
1985- Research Professor of Astronomy, University of Virginia
1980- Outside Scientific Member) Max-Planck-Institut fur Radioastronomi

Awards and Recognitions:

1963 Eastman Kodak Prize in Physics, California Institute of Technology
10/63-09/64 NSF Postdoctoral Fellow, CSIRO Radiophysics Laboratory
1971 H. B. Warner Prize, American Astronomical Society
1971 Rumford Medal (with 20 others) - American Academy of Arts and Sciences
1973 Benjamin J. Gould Award - National Academy of Sciences
1981, 1992 Fairchild Distinguished Scholar, California Institute of Technology
1975 National Academy of Sciences, Member
1976 American Academy of Arts and Sciences, Fellow
1997 American Philosophical Society, Fellow
1999 Russian Academy of Sciences, Foreign Member
2004 Caltech Distinguished Alumnus
2008 Honorary Grote Reber Gold Medal

Memberships:

International Astronomical Union (IAU) Commissions 28, 40, 41, 47, 48, 51
American Astronomical Society, (High Energy Astrophysics Dir, Historical Astronomy Division)
Union Radio Scientifique International (URSI), Commission J, USNC
Astronomical Society of Australia
American Physical Society

Other Activities:

National Academy of Sciences/National Research Council
Panel on Astrophysics and Relativity of the Astronomy Survey Committee and the
Physics Survey Committee, 1970-1971
Delegate to USA/USSR Conference on the Search for Extraterrestrial Intelligence, Burakan,
Armenia, USSR, 1970
Council for the International Exchange of Scholars, 1974-1976
Board of International Organizations and Programs, 1977
Research Briefing Panel on Astronomy, 1982
Henry Draper Prize Committee, Chairman, 1984
Planning Panel for Large International Science and Technology Facilities, 1985
CORF: reviewer; 1987-1989; Member, 1990-1998, 2009- ; Strategy Planning
Committee, 2004
Board on Physics and Astronomy, 1988-1990
Astronomy and Astrophysics Survey Committee, Radio Panel, Chairman, 1989-1990
URSI, U.S. National Committee, Commission J, Chair, 1976-1979
US National Committee-IAU, 1977-1979, 1990-1998; Chair 1990-1993; 2008-10
Associate Program, Space Science Panel, 1991-1997
Commission on Physical Sciences, Mathematics, and Applications, 1994-1998
Committee on Astronomy and Astrophysics, 1992-1997
CAA Panel on Optical IR Astronomy, 1994
NAS Astronomy Section, Chair 1995-1998
Task Group on Space Astronomy and Astrophysics, 1996
Astronomy and Astrophysics Survey Committee, Radio Panel, 1999
National Academy of Sciences, Council, 1999-2002
Council Committee on International Affairs
Council Committee on Scientific Program
National Academy of Sciences Publication Committee, 1999-2002
Committee on Smithsonian Research, 2002
Report Review, Monitor and Coordinator, 1994 -2002
Henry Draper Medal Prize Committee, 1985
Watson Prize Committee, 2006
American Astronomical Society
Warner Prize Committee, 1972-1975
High Energy Astrophysics Division, Council, 1973-1975
Russell Prize Committee, 1991-1993
FSU Advisory Committee, 1992-1993
Astrophysical Journal Editor Search Committee, 1998
National Science Foundation
Astronomy Advisory Panel, 1976-1979 ; 1995
Radio Astronomy Sub-Panel, 1976-1977
Astrophysics Panel, Chair 2002
University Radio Observatories Panel, Chair, 2008
NASA/ESA
SETI Workshops, 1975-1976

SETI Science Study, 1980-81
 ESA QUASAT Working Group, 1980-1989
 NASA Astrophysics Council, 1985-1986
 NASA ISRMOWG, 1987-1988
 NASA US/USSR Joint Working Group on Astrophysics
 NASA Astrophysics Senior Review, 1998, 2000
 ESA VLB Mission Definition Study, 1977-1978; Phase A Study, 1979
 Russian Academy of Sciences,
 Radio Astron International Science Committee, 2002- Co-Chair, 2008 -
 URSI
 Official Delegate, International General Assemblies, 1969, 1972, 1975, 1978, 1981,
 1984, 1990, 1993
 Official Member, 1978
 IAU Organizing Committees
 Commission 47, 1977-1979
 Commission 48, 1977-1982
 Commission 40, 1986-1988, Vice President, 1980-1982, President, 1983-1985
 Working Group on Numerical Data, 1972-1975
 Historic Radio Astronomy Working Group, 2004 - ; Vice Chair, 2006 - ; Chair, 2009 -
 Organizing Committees, Scientific Symposia
 IAU Symposium No. 74, Radio Astronomy and Cosmology, 1976
 URSI VLBI Symposium, Heidelberg, Germany, 1978
 IUPAP/IAU Symposium on "Origin of Cosmic Rays"
 URSI Symposium on SETI, Chairman, 1978
 IAU/URSI Symposium 97, Extragalactic Radio Sources, Chairman, 1981
 Pittsburgh Conference on BL Lac Objects, 1978
 IAU Symposium No. 110, VLBI, Co-Chairman
 IAU Symposium No. 119, Quasars
 IAU Symposium No. 129, VLBI, 1987
 IAU Symposium No. 130, Large Scale Structure of the Universe
 Symposium on BL Lac Objects-10 Years After, Como, Italy, 1988
 IAU Symposium No. 175, Extragalactic Radio Sources, 1995
 NAS Colloquium, Quasars and AGN: High Resolution Radio Imaging, co-chair, 1995
 International SKA Workshop, Geraldton, WA, Australia, July, 2003, Chair
 The Variable Radio Universe, Parkes, NSW, Australia, July, 2003, Chair
 Masers and Molecules, Onsala, Sweden, Sept, 2003
 Radio Astronomy at 70, JENAM, Budapest, Hungary, Sept., 2003

 New Techniques & Results in Low Frequency Radio Astronomy, Hobart, Tas, Dec. 2005
 NRAO 50th Anniversary, Frontiers of Astrophysics, June 2007
 The Edge of the Universe, Lisbon, Portugal, Oct, 2006
 VSOP-2/Space VLBI Workshop, Bonn, May, 2008
 The Many Faces of Centaurus A, Sydney, Australia, June, 2009
 JENAM Symposium, The Square Kilometer Array: Paving the Way for the New
 Century Radio Astronomy Paradigm, Chair, 2009 21st
 NATO Summer Schools (Lecturer)
 1975 Nonthermal Radio Sources, Urbino, Italy
 1979 X-Ray Astronomy, Sicily, Italy
 Committees
 Owens Valley Radio Observatory, National Advisory Committee, 1972-1976; Chair, 1976
 Arecibo Observatory - Advisory Board and Visiting Committee, 1983-1985
 M.I.T. Physics Department, Visiting Committee, 1983-1989
 Haystack Observatory, Visiting Committee, 1981-1984; Chairman, 1984
 North East Radio Astronomy Corporation, Trustee, 1990-2004
 American Academy of Arts and Science, Rumford Prize Committee, 1979-1982

International Science Foundation, Astrophysics Panel, 1993-1994
SETI Institute Science and Technology Working Group, 1997-1999
Associated Universities, Inc., President Search Committee, 1997
Square Kilometer Array
 US Consortium Member, 1999-
 US LNSD Concept Proposal, Coordinator
 Nominating Committee, 2001, Chair
 Technology Development Proposal Committee, 2004
SKA - International Steering Committee, 2000 - 2007
 By-laws Committee, 2001
 Director Search Committee, 2002
 Vice Chair and member Executive committee, 2006-2008
 Specifications Tiger Team
SKA Science and Engineering Committee, 2008 –
 Chair and Chair of Executive Committee, 2008-
Operations Working Group, Chair, 2004 –
Power Investigation Task Force, 2009 –
Site Configuration Task Force, 2009 –
Schedule Tiger Team, 2009 -
Joint Working Group on Siting, 2009 -
LOFAR Science Consortium Board, 2002
Los Alamos National Laboratories; Directed Research and Development Program Review
 Committee, 2002
Naval Research Laboratories External Review Board, 1998, 2002, 2005
Australia Telescope National Facility Steering Committee, 2004-2006
Grote Reber Gold Medal Selection Committee, 2004-
European Science Foundation
 Review and Evaluation of the Joint Institute for VLBI in Europe, 2006
 Review of EXPRESS eVLBI Program, 2007, 2008, 2009
 Review Panel for FP-7 Proposals