

Jerry A Sellwood – Curriculum Vitae

Personal

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Education and qualifications

1977	Ph.D. Astronomy	Manchester University, England
1972	Diploma in Education	Makerere University, Kampala, Uganda
1971	B.Sc. Honours in Physics	Bristol University, England

Professional career

1991 –	Associate then Full Professor	Dept. of Physics & Astronomy, Rutgers University, New Jersey
1990 – 1991	Associate Astronomer	Space Telescope Science Institute, Baltimore
1986 – 1990:	SERC Advanced Fellow	Dept. of Astronomy, Manchester University, England
1984 – 1986:	Research Fellow	Kapteyn Laboratory, University of Groningen, The Netherlands
1980 – 1984:	Research Associate	Institute of Astronomy, Cambridge, England
1977 – 1980:	NATO then ESO Fellow	Stockholm Observatory, Sweden and ESO, Geneva, Switzerland

Memberships

1984 – present	Full member, American Astronomical Society, Div. Dyn. Astr.
1982 – present	Member, International Astronomical Union, Commission 33
1992 – 2007	Founder member, European Astronomical Society
1982 – 2007	Fellow, Royal Astronomical Society

Research interests

Dark matter, galactic structure, galaxy formation, stellar dynamics, accretion discs, star formation, N -body simulations, computational astrophysics. See <http://www.physics.rutgers.edu/~sellwood> for more information.

Honors

October 1998: Elected Life Member of Clare Hall, Cambridge

Graduate Teaching Award from Rutgers University Graduate School, April 1999

Co-organizer of a six month study workshop at the Isaac Newton Institute for Mathematical Sciences, Cambridge University, England. Topic: *Astrophysical Discs*

Extended academic visits

Oct – Nov 1983: Institute for Advanced Study, Princeton, USA
Jun – Aug 1987: Lick Observatory, Santa Cruz, USA
Jan – May 1995: Canadian Institute for Theoretical Astrophysics, Toronto, Canada
Jan – Jun 1998: Isaac Newton Institute for Mathematical Sciences, Cambridge, England

Service

Brouwer Award Selection Committee (Sept. 2006 – Sept. 2009, Chair 08/09)

AURA: University member representative (from July 99). Serves on the Membership Committee and the Advisory Committee on International Affiliates.

Member of *ad hoc* review panel for ST-DADS (1991)

Grant Review Panels or consultant for NSF, NASA, NRC, Canadian NSERC, British SERC/PPARC, Italian Ministry for University Research, International Science Foundation, Israel Science Foundation, Netherlands Organisation for Science Research (NWO), Research Foundation of Flanders (FWO Belgium), & Universiteit Gent Onderzoeksraad (Research Council). Time allocation committees for Hubble Space Telescope, Canada-France-Hawaii Telescope Time Allocation Committee, & British Panel for the Allocation of Telescope Time.

Conference Organization

Deputy-chair of SOC: 90th Birthday for Kuzmin. St Petersburg, Russia, Jul 2007

SOC member: *Island Universes: Structure and Evolution of Disk Galaxies* Terschelling, The Netherlands, Jul 4-8, 2005

Co-chair of SOC (with Prof. A. Klypin, NMSU) of *Dynamics of Galaxies: Baryons and Dark Matter* held at the University of Nevada, Las Vegas, March 10 – 12, 2005

SOC member *Kinematics and Dynamics of Discs of Galaxies* Puebla, Mexico (November 5-9, 2001)

Co-organizer (with Prof. D. Spergel, Prof. A. Kosowsky and Prof. J. Bahcall) of the Rutgers-Princeton W. M. Keck workshop *Galaxies and the Dark Matter Problem* held at the Institute for Advanced Study, Princeton (May 31 – June 2, 2001)

SOC member *Dynamics of Star Clusters and the Milky Way* Astronomisches Rechen-Institut Heidelberg, Germany (March 20-24, 2000)

Co-organizer (member of both SOC & LOC) of *Galaxy Dynamics* held at Rutgers University (August 8 – 12, 1998)

Principal organizer of *Astrophysical Discs* an EC Summer School held at the Isaac Newton Institute for Mathematical Sciences, Cambridge University, England

Co-organizer of a six month workshop *Dynamics of Astrophysical Discs* held at the Isaac Newton Institute for Mathematical Sciences, Cambridge University, England (Jan – Jul 1998)

Principal organizer of *Dynamics of Astrophysical Discs* held at Manchester University, England (Dec 1988)

Co-organizer of ESO mini-workshop *Galaxy Dynamics* held at CERN, Geneva, Switzerland (Jun 1979)

Last updated: May 8, 2009