

Martin Elvis: Short Curriculum Vitae

Astrophysicist, Ph.D.: Leicester University, X-ray Astronomy (1978)

Current Positions:

1997-present Senior Astrophysicist, Smithsonian Astrophysical Observatory
1980-1997 Astrophysicist, Smithsonian Astrophysical Observatory
1991-1998 Chandra X-ray Center, Science Data System Group Leader

Recent Professional Activities:

2009 Member, SOC "Evolution of Galaxies and Central Black Holes: Feeding and Feedback" (IAU Symp. 267)
2007-2009 Smithsonian deputy rep. "Interagency Working Group on Digital Data"
2007- NRAO Proposal Selection Committee member
2005-2007 Chair, Space Telescope Users Committee (STUC)
2003 SOC, invited speaker: 'AGN Physics with SDSS', Princeton
2001 Co-Editor, "Galaxies at the Highest Resolution" (IAU Symp.205)
1997 Member, NAS/NRC Task Group on Space Astronomy & Astrophysics
1996 Chair, SOC AAS-HEAD Divisional Meeting, San Diego
1994-1995 Chair, High Energy Astrophysics Division (HEAD) AAS

Professional Societies:

IAU; RAS; AAS; SPIE.

General Fields of Investigation:

Extragalactic X-ray astronomy; Multi-wavelength Astrophysics; Quasars and Active Galaxies: structure, evolution; Intergalactic Medium-Quasar Absorption Lines.

Grants Held as Principal Investigator:

Chandra (\$0.45M), ADP(\$ 0.5M), LTSA(\$ 1.2M), XMM-Newton,

Publications:

Over 200 papers in refereed journals; over 70 reviews, articles. ADS cites 12963, h-index 64
Citation rate in highest percentile of astronomers and space scientists worldwide.

Selected Publications:

The Chandra-COSMOS Survey, I: Overview and Point Source Catalog (M. Elvis et al.), ApJS, 2009, in press.

The Far-UV Spectroscopic Signature of the 'Missing' Bayrons in the Local Group of Galaxies (F.Nicastro et al.), *Nature*, 2003, 421, 719.

Most Supermassive Black Holes must be Rapidly Rotating (M.Elvis, G.Risaliti & G. Zamorani), 2002, ApJLett, 565, L75.

A Structure for Quasars (M.Elvis), 2000, ApJ, 545, 63.

Deriving the Quasar Luminosity Function from Accretion Disk Instabilities (A.Siemiginowska & M.Elvis), 1997, ApJ Letters, 482, L9.

Testing Unified X-ray/UV Absorber Models with NGC5548 (S. Mathur, M. Elvis & B.J. Wilkes), 1995, ApJ 462, 230.

An Atlas of Quasar Energy Distributions (M. Elvis, B.J. Wilkes, J.C. McDowell, R.F.Green, J.Bechtold, S.P.Willner, M.S.Oey, E.Polomski & R.Cutri, 1994, ApJ Suppl. 95, 1

Obscuration and the Various Kinds of Seyfert Galaxies A. Lawrence and M. Elvis, 1982, ApJ 256, 410.