

## Stanislav George Djorgovski

**Current positions:** Professor of Astronomy  
Co-Director, Center for Advanced Computing Research  
Option Representative (~ Chief Academic Officer) for Astrophysics  
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**Education:** Ph.D. (Astronomy) University of California, Berkeley, 1985 ★ M.A. (Astronomy) Univ. of California, Berkeley, 1981 ★ B.A. (Astrophysics) Univ. of Belgrade, Yugoslavia, 1979.

**Honors/Awards:** First Prize, Boeing-Griffith Science Writing Contest, 2008 ★ Presidential Young Investigator, 1991 – 1997 ★ NASA Group Achievement Award, 1996 ★ Dudley Observatory Award, 1991 ★ Alfred P. Sloan Foundation Fellow, 1988 – 1991 ★ Harvard Junior Fellow, 1985 – 1987 ★ M. E. Uhl Award for Outstanding Research Contributions, UCB, 1984 ★ Several graduate fellowships, U. C. Berkeley 1981 – 1985.

**Professional Societies:** American Astronomical Society (AAS); American Assoc. for Advancement of Science (AAAS); International Astron. Union (IAU), misc. Commissions and Working Groups; Association for Computing Machinery (ACM).

**Professional Interests:** Development of e-Science/Cyber-Infrastructure, interplay of computationally enabled science and science-driven computing. Virtual Observatory, large digital sky surveys and software systems, exploration of data parameter spaces, advanced data-mining and exploration techniques. Extragalactic astronomy, cosmology, galaxy formation, fundamental properties of galaxies,  $\gamma$ -ray bursts, quasars, radio galaxies, gravitational lenses, globular star clusters, early structure evolution, cosmological tests, the nature of dark energy. Astronomical site testing.

**Current Professional Functions:** Co-Director, Center for Advanced Computing Research, Caltech, 2004 – present ★ CELT/TMT Site Selection Working Group, 1999 – present; Co-chair, 2000 – present ★ National Virtual Observatory (NVO) Science Steering Committee, 2004 – present .

**Previous:** Keck Observatory Science Steering Committee, 1990 – 1995, 2000 – 2002; Co-Chair, 2003 – 2005. California Extremely Large Telescope (CELT) Steering Committee, 2000 – 2003. NVO Science Definition Team, Chairman, 2001 – 2002. NVO Interim Steering Committee, 1999 - 2001. NASA Michelson Science Center Oversight Committee, 2001 – 2004. Palomar Observatory Council, 1993 – 1995, 1998 – 2002. Keck Obs. Archive Advisory Group, 2003 – 2004. Keck LRIS-B Instrument Science Team, 1994 – 2000. Keck NIRC-2 Instrument Science Team, 1994 – 2000. Keck Obs. Adaptive Optics (AO) Working Group, and AO Science Team 1992 – 1994. Keck Obs. Data Acquisition Working Group, 1991 – 1994. Keck Obs. Low Resolution Imaging Spectrograph (LRIS) Team, 1988 – 1994. NASA/IPAC National Extragalactic Data Base (NED), Advisory Committee, 1989 – 1991. NASA Space Interferometer (SIM) Science Working Group, 1994 – 1995. Advisor, *Earth & Sky*. Faculty Manager, Caltech Astronomy Data Processing Facility, 1989 – 1991. Numerous Departmental, Institute, and professional advisory and administrative functions. Organizing committees and chairmanships for many scientific conferences.

**Publications:** Complete list is available at [http://www.astro.caltech.edu/~george/sgd\\_pubs.html](http://www.astro.caltech.edu/~george/sgd_pubs.html)

As of the mid-2008, Djorgovski's publication list includes about 220 papers in refereed journals, about 70 invited reviews, about 150 contributed conference papers, over 160 published abstracts, over 140 circulars, over 30 miscellaneous other publications, and editing of 3 conference volumes.