

## Stanislav George Djorgovski

- Current positions:** Professor of Astronomy  
Co-Director, Center for Advanced Computing Research  
California Institute of Technology  
Director, Meta Institute for Computational Astrophysics, <http://mica-vw.org>
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- Web:** <http://www.astro.caltech.edu/~george/>
- 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:** Distinguished Visiting Professor, King Abdulaziz Univ., 2011 – present ★ First Prize, Boeing-Griffith Science Writing Contest, 2008 ★ Visiting Distinguished Professor, Mexican Academy of Sciences, 2004 ★ Fellow, Institute for the Advancement of Engineering, 2001 ★ Presidential Young Investigator, 1991 – 1997 ★ One of the ISI 1000 most cited physicists, 1981 – 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, UCB, 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), including the SIG on Knowledge Discovery in Databases (SIGKDD).
- Professional Interests:** Development of e-Science/Cyber-Infrastructure, the roles of computation in knowledge discovery, AstroInformatics, 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, the nature of dark energy.
- Current Professional Functions:** Spitzer Science Center Oversight Committee, 2011 – present ★ Co-Director, Center for Advanced Computing Research, Caltech, 2004 – present ★ Director, Meta Institute for Computational Astrophysics, 2008 – present ★ Virtual Astronomical Observatory (VAO) Science Advisory Council, 2010 – present.
- Previous:** CELT/TMT Site Selection Working Group, 1999 – 2008; Co-chair, 2000 – 2008. National Virtual Observatory (NVO) Science Steering Committee, 2004 – 2009. 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-2011, Djorgovski's publication list includes ~ 250 papers in refereed journals, > 70 invited reviews, > 150 contributed conference papers, ~ 200 abstracts, ~ 350 circulars, ~ 40 other miscellaneous publications, editing of 3 conference volumes, and various on-line databases and archives.