



BRIEF CURRICULUM VITAE



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Dante Minniti is Full Professor at the Department of Astronomy and Astrophysics of the Pontificia Universidad Católica in Chile. He did the undergraduate studies in Astronomy at the Universidad de Córdoba (Argentina), and obtained the PhD in 1993 at the University of Arizona (USA). He was Postdoctoral Fellow of the European Southern Observatory in 1993-1996, and a Lawrence Livermore National Laboratory Postdoctoral Fellow in 1996-1998. He is a member of the MACHO Collaboration since 1996, and of the SuperMACHO Collaboration since 2001.

He has obtained several international research grants from NASA (USA), ALFA (European Union), CONICYT (Chile), CONICET (Argentina), CNRS (France), ICTP (Italy), etc. He was awarded the John Simon Guggenheim Fellowship Prize in 2005 in recognition for his work on stellar populations. This year he has been named Adjunct Scholar for the Vatican Observatory, and was also awarded the Scopus Prize 2008 in the area of Physics and Astronomy. He is also referee for the leading journals in Astronomy, and for national and international funding agencies, and has been member of various scientific committees, such as the Scientific and Technology Committee of the European Southern Observatory and the Gemini International Telescope Allocation Committee.

His broad research interests are: Exrsolar Planets, Gravitational Microlensing, Gobular Clusters, Stellar Populations, Stellar Evolution, Galaxy Formation and Galactic Structure. He is author of 201 refereed publications, that accumulate more than 5500 citations in the literature to date, yielding $Hirsch_index = 41$ (source: ADS). His recent book “Mundos Lejanos” sold more than 1000 copies in one year. He is currently leading the ESO Public Survey “VISTA Variables in the Via Lactea”, and actively teaching and supervising students and postdocs at Universidad Católica, and giving public Astronomy talks.



Some representative publications:

- **D. Minniti** 2007 (book author), “Mundos lejanos: sistemas planetarios y vida en el Universo”, Ediciones B (Santiago, Chile), catalog **ISBN 978-956-304-039-5**
- **D. Minniti**, J. M. Fernandez, R. Diaz, A. Udalski, G. Pietrzynski, W. Gieren, P. Rojo, M. T. Ruiz, & M. Zoccali, “Millimagnitude Photometry for Transiting Extrasolar Planetary Candidates III: Accurate Radius and Period for OGLE-TR-111-b”, 2006, *The Astrophysical Journal*, **660**, 858
- K. Sahu, R. Gilliland, S. Casertano, H. Bond, E. Smith, **D. Minniti**, M. Zoccali, M. Livio, N. Panagia, J. Valenti, T. Brown, R. Rich, N. Piskunov, S. Luvow, & W. Clarkson, “Extrasolar Transiting Planetary Candidates in the Galactic Bulge”, 2006, *Nature*, **443**, 534
- A. Rest, N. B. Suntzeff, K. Olsen, J. L. Prieto, R. C. Smith, D. L. Welch, A. Becker, M. Bergmann, A. Clocchiatti, K. Cook, A. Garg, M. Huber, G. Miknaitis, **D. Minniti**, S. Nikolaev, C. Stubbs, “Echoes from Ancient Supernovae in the Large Magellanic Cloud”, 2005, *Nature*, **438**, 1132
- **D. Minniti**, M. Rejkuba, J. G. Funes, & R. C. Kennicutt, “The Most Exciting Massive Binary Cluster in NGC~5128: Clues to the Formation of Globular Clusters”, 2004, *The Astrophysical Journal*, **612**, 215
- **D. Minniti**, J. Borissova, M. Rejkuba, D. Alves, K. H. Cook & K. C. Freeman, “Kinematic Evidence for an Old Stellar Halo in the Large Magellanic Cloud”, 2003, *Science*, **301**, 1508
- C. Alcock, R.A. Allsman, T.S. Axelrod, A. Becker, D.P. Bennett, K.H. Cook, K.C. Freeman, M. Geha, K. Griest, G. Kovacs, M.J. Lehner, S.L. Marshall, **D. Minniti**, B.A. Peterson, M.R. Pratt, P.J. Quinn, A.W. Rodgers, C.W. Stubbs, W. Sutherland, & D.L. Welch, “First Direct Detection of a Microlens in the Milky Way”, 2002, *Nature*, **414**, 617
- C. Alcock, R.A. Allsman, T.S. Axelrod, A. Becker, D.P. Bennett, K.H. Cook, K.C. Freeman, K. Griest, M.J. Lehner, S.L. Marshall, **D. Minniti**, B.A. Peterson, M.R. Pratt, P.J. Quinn, A.W. Rodgers, C.W. Stubbs, W. Sutherland, & D.L. Welch, “The MACHO Project: Results from 5.7 Years of LMC Observations”, 2000, *The Astrophysical Journal*, **542**, 281
- **D. Minniti**, “Field Stars and Clusters of the Galactic Bulge: Implications for Galaxy Formation”, 1996, *The Astrophysical Journal*, **459**, 175
- **D. Minniti**, “Metal Rich Globular Clusters with $R < 3$ kpc: Disk or Bulge Clusters?”, 1995, *The Astronomical Journal*, **109**, 1663
- **D. Minniti**, E. Olszewski, & M. Rieke, “The Bulge of M33”, 1993, *The Astrophysical Journal*, **410**, L79
- **D. Minniti**, S.D.M. White, E. Olszewski, & J. Hill, “Rotation of the Galactic Bulge”, 1992, *The Astrophysical Journal*, **393**, L47