

THORSTEN LISKER

List of publications

REFEREED PUBLICATIONS

(Reverse chronological order, not listing refereed proceedings)

- (1) Weinmann, S., **Lisker, T.**, Guo, Q., Meyer, H. T., Janz, J. 2011. *Dwarf galaxy populations in present-day galaxy clusters: I. Abundances and red fractions*. Monthly Notices of the Royal Astronomical Society, 416, 1197-1214
- (2) Paudel, S., **Lisker, T.**, Kuntschner, H. 2011. *Nuclei of early-type dwarf galaxies: insights from stellar populations*. Monthly Notices of the Royal Astronomical Society, 413, 1764-1776
- (3) Cisternas, M., et al. (incl. **Lisker, T.**) 2011. *The Bulk of the Black Hole Growth Since $z \sim 1$ Occurs in a Secular Universe: No Major Merger-AGN Connection*. Astrophysical Journal 726, 57
- (4) Paudel, S., **Lisker, T.**, Janz, J. 2010. *Nuclei of Early-type Dwarf Galaxies: Are They Progenitors of Ultracompact Dwarf Galaxies?* Astrophysical Journal Letters 724, L64-L68
- (5) Kim, S., Rey, S.-C., **Lisker, T.**, Sohn, S. T. 2010. *Color-Magnitude Relations of Early-type Dwarf Galaxies in the Virgo Cluster: An Ultraviolet Perspective*. Astrophysical Journal Letters 721, L72-L77
- (6) Paudel, S., **Lisker, T.**, Kuntschner, H., Grebel, E. K., Glatt, K. 2010. *Stellar populations of Virgo cluster early-type dwarf galaxies with and without disks: a dichotomy in age?* Monthly Notices of the Royal Astronomical Society 405, 800-820
- (7) **Lisker, T.**, et al. 2009. *The First Generation of Virgo Cluster Dwarf Elliptical Galaxies?* Astrophysical Journal Letters 706, L124-L128
- (8) Ferreras, I., et al. (incl. **Lisker, T.**) 2009. *Early-Type Galaxies in the PEARs Survey: Probing the Stellar Populations at Moderate Redshift*. Astrophysical Journal 706, 158-169
- (9) Koester, D., et al. (incl. **Lisker, T.**) 2009. *High-resolution UVES/VLT spectra of white dwarfs observed for the ESO SN Ia Progenitor Survey. III. DA white dwarfs*. Astronomy & Astrophysics 505, 441-462
- (10) Ferreras, I., **Lisker, T.**, Pasquali, A., Khochfar, S., Kaviraj, S. 2009. *On the formation of massive galaxies: A simultaneous study of number density, size and intrinsic color evolution in GOODS*. Monthly Notices of the Royal Astronomical Society 396, 1573-1578
- (11) **Lisker, T.** & Fuchs, B. 2009. *On the nature of IC 3328, an early-type dwarf galaxy with weak spiral structure*. Astronomy & Astrophysics 501, 429-435
- (12) Janz, J. & **Lisker, T.** 2009. *On the color-magnitude relation of early-type galaxies*. Astrophysical Journal Letters 696, L102-L105
- (13) Ferreras, I., **Lisker, T.**, Pasquali, A., Kaviraj, S. 2009. *Exploring the formation of spheroidal galaxies out to $z \sim 1.5$ in GOODS*. Monthly Notices of the Royal Astronomical Society 395, 554-566
- (14) Janz, J. & **Lisker, T.** 2008. *The sizes of early-type galaxies*. Astrophysical Journal Letters 689, L25-L28.
- (15) **Lisker, T.** 2008. *Is the Gini coefficient a stable measure of galaxy structure?* Astrophysical Journal Supplement 179, 319-325.
- (16) **Lisker, T.** & Han, Z. 2008. *Stellar age versus mass of early-type galaxies in the Virgo cluster*. Astrophysical Journal 680, 1042-1048.
- (17) **Lisker, T.**, Grebel, E. K., Binggeli, B. 2008. *Virgo cluster early-type dwarf galaxies with the Sloan Digital Sky Survey. IV. The color-magnitude relation*. Astronomical Journal 135, 380-399.

- (18) **Lisker, T.**, Grebel, E. K., Binggeli, B., Glatt, K. 2007. *Virgo cluster early-type dwarf galaxies with the Sloan Digital Sky Survey. III. Subpopulations: distributions, shapes, origins.* *Astrophysical Journal* 660, 1186-1197.
- (19) Liu, C. T., Hooper, E. J., O’Neil, K., Thompson, D., Wolf, M., **Lisker, T.** 2007. *G515, Revisited. I. Stellar Populations And Evidence Of Nuclear Activity In A Luminous E+A Galaxy.* *Astrophysical Journal* 658, 249-257.
- (20) Stroerer, A., Heber, U., **Lisker, T.**, Napiwotzki, R., Dreizler, S., Christlieb, N., Reimers, D. 2007. *Hot subdwarfs from the ESO Supernova Ia Progenitor Survey: II. Atmospheric parameters of subdwarf O stars.* *Astronomy and Astrophysics* 462, 269-280.
- (21) **Lisker, T.**, Glatt, K., Westera, P., Grebel, E. K. 2006. *Virgo cluster early-type dwarf galaxies with the Sloan Digital Sky Survey. II. Early-type dwarfs with central star formation.* *Astronomical Journal* 132, 2432-2452.
- (22) **Lisker, T.**, Grebel, E. K., Binggeli, B. 2006. *Virgo Cluster Early-Type Dwarf Galaxies with the Sloan Digital Sky Survey. I. On the Possible Disk Nature of Bright Early-Type Dwarfs.* *Astronomical Journal* 132, 497-513.
- (23) **Lisker, T.**, Debattista, V. P., Ferreras, I., Erwin, P. 2006. *Double-barred galaxies at intermediate redshifts: a feasibility study.* *Monthly Notices of the Royal Astronomical Society* 370, 477-487.
- (24) Edelmann, H., Heber, U., Altmann, M., Karl, C., **Lisker, T.** 2005. *High resolution spectroscopy of bright subdwarf B stars. I. Radial velocity variables.* *Astronomy and Astrophysics* 442, 1023-1030.
- (25) Ferreras, I., **Lisker, T.**, Carollo, C. M., Lilly, S. J., Mobasher, B. 2005. *Evolution of Field Early-Type Galaxies: The View from GOODS CDFS.* *Astrophysical Journal* 635, 243-259.
- (26) **Lisker, T.**, Heber, U., Napiwotzki, R., Christlieb, N., Han, Z., Homeier, D., Reimers, D. 2005. *Hot subdwarfs from the ESO Supernova Ia Progenitor Survey. I. Atmospheric parameters and cool companions of sdB stars.* *Astronomy and Astrophysics* 430, 223-243.
- (27) Heber, U., Edelmann, H., **Lisker, T.**, Napiwotzki, R. 2003. *Discovery of a helium-core white dwarf progenitor.* *Astronomy and Astrophysics* 411, L477-L480.

SUBMITTED TO PEER REVIEWED JOURNALS

- (28) Lieder, S., **Lisker, T.**, Hilker, M., Misgeld, I., Durrell, P. 2011. *A deep view on the Virgo cluster core.* *Astronomy and Astrophysics*.

REFEREED CONFERENCE PROCEEDINGS

(Reverse chronological order)

- (29) **Lisker, T.** 2009. *Early-type dwarf galaxies in clusters: A mixed bag with various origins?* *Astronomische Nachrichten* 330, 1043-1052.
- (30) Kim, S., Rey, S.-C., **Lisker, T.** 2009. *Ultraviolet color-magnitude relation of early-type dwarf galaxies in the Virgo cluster.* *Astronomische Nachrichten* 330, 1034-1036.
- (31) Paudel, S. & **Lisker, T.** 2009. *Stellar populations of seven early-type dwarf galaxies and their nuclei.* *Astronomische Nachrichten* 330, 969-971.
- (32) **Lisker, T.**, Brunngräber, R., Grebel, E. K. 2009. *Early-type dwarf galaxies with spiral structure.* *Astronomische Nachrichten* 330, 966-968.
- (33) Janz, J. & **Lisker, T.** 2009. *A continuum of structure and stellar content from Virgo cluster early-type dwarfs to giants?* *Astronomische Nachrichten* 330, 948-953.

- (34) **Lisker, T.**, Heber, U., Napiwotzki, R., Christlieb, N., Reimers, D., Homeier, D. 2004. *Spectroscopic analysis of sdB stars from the ESO Supernova Ia Progenitor Survey*. Astrophysics and Space Science 291, 351-358.
- (35) Napiwotzki, R., Karl, C. A., **Lisker, T.**, Heber, U., Christlieb, N., Reimers, D., Nelemans, G., Homeier, D. 2004. *Close binary EHB stars from SPY*. Astrophysics and Space Science 291, 321-328.
- (36) Edelmann, H., Heber, U., **Lisker, T.**, Green, E. M. 2004. *Radial velocity curves of nine sdB binary stars*. Astrophysics and Space Science 291, 315-319.

UNREFEREED PUBLICATIONS

(Reverse chronological order)

- (37) **Lisker, T.** 2011. *Early-Type Dwarf Galaxies*. In *A Universe of Dwarf Galaxies*, eds. M. Koleva, Ph. Prugniel, & I. Vauglin, EAS Publications Series, 48, 171-180.
- (38) Janz, J. & **Lisker, T.** 2011. *From Virgo Cluster Early-Type Dwarfs to Giants*. In *A Universe of Dwarf Galaxies*, eds. M. Koleva, Ph. Prugniel, & I. Vauglin, EAS Publications Series, 48, 203-204.
- (39) Meyer, H. & **Lisker, T.** 2011. *The Progenitors of Early-Type Dwarf Galaxies in the Virgo Cluster*. In *A Universe of Dwarf Galaxies*, eds. M. Koleva, Ph. Prugniel, & I. Vauglin, EAS Publications Series, 48, 205-206.
- (40) Paudel, S. & **Lisker, T.** 2011. *Stellar Population Properties of UCDs and Early-Type Dwarf Nuclei*. In *A Universe of Dwarf Galaxies*, eds. M. Koleva, Ph. Prugniel, & I. Vauglin, EAS Publications Series, 48, 249-250.
- (41) Kim, S., Rey, S.-C., Sung, E.-C., Yi, W., **Lisker, T.** 2011. *New Catalog and Ultraviolet Properties of Dwarf Galaxies in the Virgo Cluster*. In *A Universe of Dwarf Galaxies*, eds. M. Koleva, Ph. Prugniel, & I. Vauglin, EAS Publications Series, 48, 71-72.
- (42) **Lisker, T.**, Grebel, E. K., Binggeli, B., Vodička, M., Glatt, K., Westera, P. 2007. *The many faces of early-type dwarf galaxies*. In IAU Symposium 241: *Stellar Populations as Building Blocks of Galaxies*, eds. A. Vazdekis & R. F. Peletier, 409-413.
- (43) **Lisker, T.**, Debattista, V. P., Ferreras, I., Erwin, P. 2006. *Finding Double-Barred Galaxies with HST*. In IAU Symposium 235: *Galaxy Evolution Across the Hubble Time*, eds. F. Combes & J. Palous, 117.
- (44) **Lisker, T.**, Glatt, K., Westera, P., Grebel, E. K., Binggeli, B. 2006. *The Last Stages of Star Formation in dEs?* In IAU Symposium 235: *Galaxy Evolution Across the Hubble Time*, eds. F. Combes & J. Palous, 317.
- (45) **Lisker, T.**, Grebel, E. K., Binggeli, B. 2006. *Disks in Early-Type Dwarf Galaxies*. In IAU Symposium 235: *Galaxy Evolution Across the Hubble Time*, eds. F. Combes & J. Palous, 118.
- (46) **Lisker, T.**, Grebel, E. K., Binggeli, B. 2005. *The colours of Virgo dEs as seen by SDSS*. In IAU Colloquium 198: *Near-field cosmology with dwarf elliptical galaxies*, eds. H. Jerjen & B. Binggeli, 311-315.
- (47) **Lisker, T.**, Grebel, E. K., Binggeli, B. 2005. *A multicolour view of the nuclei of dEs*. In IAU Colloquium 198: *Near-field cosmology with dwarf elliptical galaxies*, eds. H. Jerjen & B. Binggeli, 370-371.
- (48) Flasher, J., et al. (incl. **Lisker, T.**) 2005. *GRB 050408: ARC 3.5-meter NIR observations*. GRB Coordinates Network 3561, 1.
- (49) Ferreras, I., **Lisker, T.**, Pasquali, A., Carollo, C. M., Lilly, S. J., Mobasher, B. 2005. *GOODS, UDF, and the evolution of early-type galaxies*. In *The fabulous destiny of*

- galaxies: Bridging past and present*, eds. V. Le Brun, A. Mazure, S. Arnouts, D. Burgarella.
- (50) **Lisker, T.**, Heber, U., Napiwotzki, R., Christlieb, N., Han, Z., Homeier, D., Reimers, D. 2005. *Subdwarf B Stars from the ESO Supernova Ia Progenitor Survey – Observation versus Theory*. ASP Conference Series 334: *14th European Workshop on White Dwarfs*, eds. D. Koester & S. Moehler, 303-308.
- (51) Stroeer, A., Heber, U., **Lisker, T.**, Napiwotzki, R., Dreizler, S. 2005. *Subluminous O Stars from the ESO Supernova Progenitor Survey - Observation versus Theory*. ASP Conference Series 334: *14th European Workshop on White Dwarfs*, eds. D. Koester & S. Moehler, 309-314.
- (52) Karl, C., Napiwotzki, R., Heber, U., **Lisker, T.**, Nelemans, G., Christlieb, N., Reimers, D. 2003. *Double Degenerates from the Supernova Ia Progenitor Survey (SPY)*. NATO Science Series II – Mathematics, Physics and Chemistry 105: *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, R. Kalytis, 43-46.