

## Publications - Dr. MMag. Stefan J. Kautsch

### In Preparation

1. Kautsch, S. J. 2009, "The Nature of Simple Disk Galaxies," invited review for Publ. Astron. Soc. Pacific, in preparation
2. Kautsch, S. J., Gonzalez, A. H., Tran, K.-V. H., Moustakas, J., and Zaritsky, D. 2009, "The stellar mass functions for group galaxies at intermediate redshifts," in preparation

### Refereed Articles

1. Kautsch, S. J. 2009, *Astronomical Notes*, "Edge-on disk galaxies in the SDSS DR6: Fractions of bulgeless and other disk galaxies," 330, 100
2. Kautsch, S. J., Gonzalez, A. H., Soto, C. A., Tran, K.-V. H., Zaritsky, D., and Moustakas, J. 2008, *Astrophysical Journal Letters*, "Forming Early-Type Galaxies in Groups Prior to Cluster Assembly," 688L, 5
3. Tran, K.-V. H., Moustakas, J., Gonzalez, A. H., Bei, L., Zaritsky, D., and Kautsch, S. J. 2008, *Astrophysical Journal Letters*, "The Late Stellar Assembly of Massive Cluster Galaxies via Major Merging," 683L, 17
4. Kautsch, S. J., Gallagher, J. S., III, and Grebel, E. K. 2008, "The environment of disk galaxies: From simple disk galaxies to galaxies with a bulge," submitted to *Astronomy and Astrophysics*
5. Westera, P., Samland, M., Kautsch, S. J., Buser, R., and Ammon, K. 2007, *Astronomy and Astrophysics*, "Initial mass function effects on the colour evolution of disk galaxies," 465, 417
6. Kautsch, S. J., Grebel, E. K., Barazza, F. D., and Gallagher, J. S. 2006, *Astronomy and Astrophysics*, "A catalog of edge-on disk galaxies: From galaxies with a bulge to superthin galaxies," 445, 765
7. Kautsch, S. J., Grebel, E. K., Barazza, F. D., and Gallagher, J. S. 2006, *Astronomy and Astrophysics*, "A catalog of edge-on disk galaxies: From galaxies with a bulge to superthin galaxies," 451, 1171
8. Kautsch, S. J., Grebel, E. K., Barazza, F. D., and Gallagher, J. S. 2005, *Astron. Nachr.*, "An Edge-on Disk Galaxy Catalog," 326, 595
9. Kautsch, S. J., Grebel, E. K., and Gallagher, J. S. 2005, *Astron. Nachr.*, "The Influence of Environment on the Morphological Evolution of Disk Galaxies," 326, 496
10. Kautsch, S. J., and Zeilinger, W. W. 2003, *Astrophysics and Space Science*, "UV and Optical Spectral Properties in Early-Type Galaxies," 284, 929
11. Kautsch, S. J., and Zeilinger, W. W. 2002, *Hvar Observatory Bulletin*, "Characteristics of Active Galactic Nuclei in the Ultraviolet," 26, 69

### Publications in Astronomy Meetings and Other Publications

1. Kautsch, S. J. and Gonzalez, A. H. 2009, *Bull. American Astronomical Society*, "The Stellar Mass Functions of Early and Late-Type Galaxies in Groups at Intermediate Redshifts," 213, 354.03

2. Press release ESO 24/08 - Science Release, "How Do Galaxies Grow?," <http://www.eso.org/public/outreach/press-rel/pr-2008/pr-24-08.html>
3. Kautsch, S. J. 2008, "Flat galaxies in the SDSS DR6," In: New Challenges to European Astronomy, Austria, 2008
4. Kautsch, S. J., and Gonzalez, A. H. 2008, "Formation of Early-Type Galaxies Prior to Cluster Assembly" In: New Challenges to European Astronomy, Austria, 2008
5. Kautsch, S. J., Gallagher, J. S., and Grebel, E. K. 2008, "Disk Galaxies and their Environment," In: New Challenges to European Astronomy, Austria, 2008
6. Kautsch, S. J. and Gonzalez, A. H. 2007, Bull. American Astronomical Society, "The Morphologies of Supergroup Galaxies," 39, 868
7. Kautsch, S. J., Gonzalez, A. H., Soto, C. A., Moustakas, J., Tran, K.-V. H., and Zaritsky, D. "The morphologies of group galaxies before cluster assembly," In: Galaxy growth in a dark universe, Germany, 2007
8. Kautsch, S. J., Grebel, E. K., and Gallagher, J. S. "Disk galaxies and their environment," In: Galaxy growth in a dark universe, Germany, 2007
9. Kautsch, S. J., Grebel, E. K., Barazza, F. D., and Gallagher, J. S. 2005, VizieR On-line Data Catalog, "A Catalog of Edge-on Disk Galaxies (Kautsch+, 2006)," J/A+A/445/765
10. Kautsch, S. J., Grebel, E. K., and Gallagher, J. S. "Warps in the outer edges of disk galaxies and the influence of environment," In: Outer edges of disk galaxies: A truncated perspective, The Netherlands, 2005
11. Kautsch, S. J., Grebel, E. K., and Gallagher, J. S. "The environment of late-type simple disk galaxies," In: The Origin of the Hubble Sequence, Italy, 2005
12. Kautsch, S. J., and Grebel, E. K. "The environment of bulgeless, flat galaxies," In: The environment of Galaxies: from kpc to Mpc, Greece, 2004
13. Kautsch, S. J., Grebel, E. K., and Barazza, F. D. 2004, "A Survey for Flat Edge-On Galaxies," in Poster Papers of the STScI May Symposium, ed. M. Livio & S. Casertano, (Baltimore: Space Telescope Science Institute), 50
14. Kautsch, S. J., Grebel, E. K., and Barazza, F. D. 2004, Astronomical Notes Supplementary Issue 1, "Structure and Morphology of Flat Disk Galaxies," 325, 113
15. Kautsch, S. J., and Grebel, E. K. 2004, Astronomical Notes Supplementary Issue 1, "The Influence of Interaction on Flat Disk Galaxies," 325, 50
16. Kautsch, S. J., and Grebel, E. K. 2003, Astronomical Notes Supplementary Issue 3, "Properties of Flat Disk Galaxies," 324, 149
17. Kautsch, S. J., and Grebel, E. K. 2003, ETH-BIB (Zürich), "A Search for Pure Disk Galaxies," <http://e-collection.ethbib.ethz.ch/show?type=poster&nr=8>
18. Kautsch, S. J., and Zeilinger, W. W. 2003, Astronomical Notes Supplementary Issue 3, "Stellar Populations in the Centers of Active Early-Type Galaxies," 324, 153
19. Kautsch, S. J., and Zeilinger, W. W. 2003, Astronomical Notes Supplementary Issue 2, "UV Spectral Properties and Line Indices of Active Early-Type Galaxies," 324, 38
20. Kautsch, S. J., and Zeilinger, W. W. "Stellar Populations in the Centers of Early-Type AGN Galaxies," Austrian astronomy meeting, 2003

21. Kautsch, S. J., Zeilinger, W. W., Padoan, F., Rampazzo, R., and Pierfederici, F. 2001, *Astronomische Gesellschaft Abstract Series*, “The Spectral Energy Distribution of Early-Type Galaxies,” 18, P 139
22. Jesacher, M. O., Kautsch, S. J., Kimeswenger, S., Muhlbacher, M. S., Saurer, W., Schmeja, S., and Scholz, C. K. 2000, *IAU Circular*, “CI Aquilae,” 7426, 3

## **Theses**

Kautsch, S. J. 2006 “The Nature of Flat Galaxies,” PhD Thesis, University of Basel, Switzerland  
Kautsch, S. J. 2003 “Properties of Early-type Galaxies in the Ultraviolet: Activity, Stellar Populations and Interstellar Medium,” Master Thesis, University of Vienna, Austria