

Publikationsliste

referierte Publikationen

1. Gehron, K., Nagel, T., Rauch, T., Werner, K. 2014, *Non-LTE spectral analysis of the AM CVn system PTF 09hpk during quiescence*, A&A, 562, 132
2. Kusterer, D.-J., Nagel, T., Hartmann, S., Werner, K., Feldmeier, A. 2014, *Monte Carlo radiation transfer in CV disk winds: application to the AM CVn prototype*, A&A, 561, 14
3. Provencal, J. L., Montgomery, M. H., Kanaan, A., Thompson, S. E., et al. 2012, *Empirical Determination of Convection Parameters in White Dwarfs. I. Whole Earth Telescope Observations of EC14012-1446*, ApJ, 751, 91
4. Redaelli, M., Kepler, S. O., Costa, J. E. S., Winget, D. E., et al. 2011, *The pulsations of PG 1351+489*, MNRAS, 415, 1220
5. Hartmann, S., Nagel, T., Rauch, T., & Werner, K. 2011, *Non-LTE models for the gaseous metal component of circumstellar discs around white dwarfs*, A&A, 530, 7
6. Korčáková, D., Nagel, T., Werner, K., Suleimanov, V., & Votruba, V. 2011, *Influence of the velocity gradient on the line formation in discs of cataclysmic variables*, A&A, 529, 119
7. Schuh, S., Silvotti, R., Lutz, R., Loeptien, B. et al. 2010, *EXOTIME: searching for planets around pulsating subdwarf B stars*, The Fourth Meeting On Hot Subdwarf Stars And Related Objects, eds. C.S. Jeffery & Jinhua He, Ap&SS, 329, 231
8. Thompson, S. E., Montgomery, M. H., von Hippel, T., Nitta, A. et al. 2010, *Pulsational Mapping of Calcium Across the Surface of a White Dwarf*, ApJ, 714, 296
9. Beeck, B., Schuh, S., Nagel, T., & Traulsen, I. 2009, *Towards a dynamical mass of a PG 1159 star: radial velocities and spectral analysis of SDSS J212531-010745*, CoAst., 159, 111B
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11. Provencal, J. L., Montgomery, M. H., Kanaan, A., Shipman, H. L., et al. 2009, *2006 Whole Earth Telescope Observations of GD358: A New Look at the Prototype DBV*, ApJ, 693, 564
12. Schuh, S., Traulsen, I., Nagel, T., Reiff, E., Homeier, D., Schwager, H., Kusterer, D. -J., Lutz, R., & Schreiber, M. R. 2008, *A new period determination for the close PG1159 binary SDSSJ212531.92-010745.9*, Astronomische Nachrichten, 329, 376
13. Costa, J. E. S., Kepler, S. O., Winget, D. E., et al. 2008, *The pulsation modes of the pre-white dwarf PG 1159-035*, A&A, 477, 627
14. Kromer, M., Nagel, T., & Werner, K. 2007, *Synthetic NLTE accretion disc spectra for the dwarf nova SS Cygni during an outburst cycle*, A&A, 475, 301
15. Werner, K., Nagel, T., Rauch, T., & Suleimanov, V. 2007, *Non-LTE models for neutron star atmospheres and SN fallback disks*, Adv. Space Res., 40, 1512

16. Werner, K., Nagel, T., & Rauch, T. 2007, *Non-LTE modeling of supernova-fallback disks*, Ap&SS, 308, 141
17. Werner, K., Nagel, T., Rauch, T., Hammer, N. J., & Dreizler, S. 2006, *VLT spectroscopy and non-LTE modeling of the C/O-dominated accretion disks in two ultracompact X-ray binaries*, A&A, 450, 725
18. Nagel, T., Schuh, S., Kusterer, D.J., Stahn, T., Hügelmeier, S.D., Dreizler, S., Gänsicke, B.T., & Schreiber M.R. 2006, *SDSS J212531.92-010745.9 - the first definite PG1159 close binary system*, A&A, 448, L25
19. Nagel, T., Dreizler, S., Rauch, T., & Werner, K. 2004, *AcDc - A new code for the NLTE spectral analysis of accretion discs: application to the helium CV AM CVn*, A&A, 428, 109
20. Nagel, T. & Werner, K. 2004, *Detection of non-radial g-mode pulsations in the newly discovered PG 1159 star HE1429-1209*, A&A, 426, L45
21. Nagel, T. 2003, *Synthetische Spektren und Vertikalschichtungen von Akkretionsscheiben*, Dissertation
22. Schuh, S. L., Handler, G., Drechsel, H. et al. 2003, *2MASS J0516288+260738: Discovery of the first eclipsing late K + Brown dwarf binary system?*, A&A, 410, 649
23. Kepler, S. O., Nather, R. E., Winget, D. E. et al. 2003, *The everchanging pulsating white dwarf GD358*, A&A, 401, 639
24. Schuh, S. L., Heber, U., Dreizler, S., O'Toole, S., Jeffery, C. S. et al. 2003, *PG 1605+072 in WET XCov22: Support for the Multi Site Spectroscopic Telescope*, Baltic Astronomy, 12, 55
25. Kepler, S. O., Nather, E. R., Winget, D. E. et al. 2003, *WET Observations of GD 358 in 2000*, Baltic Astronomy, 12, 45

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26. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2014, *Non-LTE Model Spectra for Gaseous Planetary Debris Disks around WDs*, Proceedings of the International Astronomical Union, IAU Symposium, 299, 342
27. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2013, *Observations and NLTE Modeling of the Gaseous Planetary Debris Disk around Ton 345*, ASPC, 469, 461
28. Korčáková, D., Nagel, T., Werner, K., Suleimanov, V., Votruba, V. 2012, *Influence of Rotation Velocity Gradient on Line Profiles of Accretion Discs of CVs*, Proceedings of the International Astronomical Union, IAU Symposium, 282, 255
29. Hartmann, S., Nagel, T., Rauch, T., & Werner, K. 2011, *Non-LTE Analysis of Gaseous Planetary Debris Disks around White Dwarfs*, American Astronomical Society, ESS meeting 2, 3003

30. Hartmann, S., Nagel, T., Rauch, T., & Werner, K. 2011, *Asymmetric Line Profiles in Spectra of Gaseous Metal Disks Around Single White Dwarfs*, Planetary Systems Beyond The Main Sequence eds. S. Schuh, H. Drechsel, & U. Heber, AIP Conference Proceedings, 1331, 222
31. Hartmann, S., Nagel, T., Rauch, T., & Werner, K. 2010, *Asymmetric Line Profiles in Spectra of Gaseous Metal Disks Around Single White Dwarfs*, 17th European White Dwarf Workshop, eds. K. Werner & T. Rauch, AIP Conference Proceedings, 1273, 476
32. Semionov, D., Nagel, T., Suleimanov, V., & Werner, K. 2010, *WACCABI-A 2D Radiative Transfer Code for Stellar Winds in Cataclysmic Binaries*, 17th European White Dwarf Workshop, eds. K. Werner & T. Rauch, AIP Conference Proceedings, 1273, 354
33. Korčáková, D., Nagel, T., Werner, K., Suleimanov, V., & Votruba, V. 2010, *Radiative Transfer Through Discs of Cataclysmic Variables*, 17th European White Dwarf Workshop, eds. K. Werner & T. Rauch, AIP Conference Proceedings, 1273, 350
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36. Nagel, T., Hartmann, S., Rauch, T., & Werner, K. 2009, *Spectral Modeling of Accretion Disks around Compact Stars*, Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics, eds. I. Hubeny, J.M. Stone, K. MacGregor, & K. Werner, AIP Conference Proceedings, 1171, 341
37. Provencal, J. L., Thompson, S., Montgomery, M., et al. 2009, *Preliminary XCOV26 results for EC14012-1446*, 16th European Workshop on White Dwarfs, eds. E. Garcia-Berro, M. Hernanz, J. Isern, S. Torres, Journal of Physics: Conference Series, 172, 012061
38. Schuh, S., Beeck, B., & Nagel, T. 2009, *Dynamic masses for the close PG1159 binary SDSSJ212531.92-010745.9*, 16th European Workshop on White Dwarfs, eds. E. Garcia-Berro, M. Hernanz, J. Isern, S. Torres, Journal of Physics: Conference Series, 172, 012065
39. Werner, K., Nagel, T., & Rauch, T. 2009, *Spectral modeling of gaseous metal disks around DAZ white dwarfs*, 16th European Workshop on White Dwarfs, eds. E. Garcia-Berro, M. Hernanz, J. Isern, S. Torres, Journal of Physics: Conference Series, 172, 012054
40. Kusterer, D.-J., Nagel, T., & Werner, K. 2008, *Accretion Disk Wind in AM CVn Binaries - a Monte Carlo Approach*, Hydrogen-Deficient Stars, eds. K. Werner & T. Rauch, ASP Conference Series, 391, 285
41. Nagel, T., Kusterer, D.-J., Rauch, T., & Werner, K. 2008, *Metal abundances in accretion discs of AM CVn binaries*, Hydrogen-Deficient Stars, eds. K. Werner & T. Rauch, ASP Conference Series, 391, 281
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45. Werner, K., Nagel, T., & Rauch, T. 2007, *Limits on iron-dominated fallback disk in SN 1987A*, in Supernova 1987A: 20 years after, eds. S. Immler, K. Weiler, & R. McCray, American Institute of Physics Conference Proceedings, 937, 81
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60. Nagel, T., Dreizler, S., & Werner, K. 2003, *Calculating Vertical Structures and Spectra of Accretion Disks with the New Code AcDc*, *Stellar Atmosphere Modeling*, eds. I. Hubeny, D. Mihalas, & K. Werner, *ASP Conference Series*, 288, 641
61. Schuh, S. L., Nagel, T., Deetjen, J. L., Dreizler, S., Handler, G. et al. 2003, *Preliminary results of the WET Xcov22 campaign at Calar Alto Observatory*, *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, & R. Kalytis, *NATO Science Series II – Mathematics, Physics and Chemistry*, 105, 263
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63. Werner, K., Dreizler, S., Deetjen, J. L., Nagel, T., Rauch, T., & Schuh, S. L. 2003, *Model Photospheres with Accelerated Lambda Iteration*, *Stellar Atmosphere Modeling*, eds. I. Hubeny, D. Mihalas, & K. Werner, *ASP Conference Series*, 288, 31
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