

- A. Refereed Publications
- B. Non-refereed Publications
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A. Refereed Publications

1. Werner, K., Rauch, T., Kruk, J.W. 2017, “Metal abundances in hot white dwarfs with signatures of a superionized wind”, A&A, submitted
2. Suleimanov, V.F., Kajava, J.J.E., Molkov, S.V., Poutanen, J., Näätä, J., Lutovinov, A.A., Werner, K. 2017, “Basic parameters of the helium accreting X-ray bursting neutron star in 4U 1830–30”, MNRAS, accepted
3. Rauch, T., Quinet, P., Knörzer, M., Hoyer, D., Werner, K., Kruk, J.W., Demleitner, M. 2017, “Stellar laboratories IX. New Se V, Sr IV–VII, Te VI, and I VI oscillator strengths and the Se, Sr, Te, and I abundances of the hot white dwarfs G191–B2B and RE 0503–289”, A&A, accepted
4. Hambaryan, V., Suleimanov, V., Haberl, F., Schwöpe, A.D., Neuhäuser, R., Hohle, M., Werner, K. 2017, “On the compactness of the isolated neutron star RX J0720.4–3125”, A&A, 601, A108
5. Werner, K., Rauch, T., Kruk, J.W. 2017, “Far-UV spectroscopy of two extremely hot, helium-rich white dwarfs”, A&A, 601, A8
6. Suleimanov, V.F., Klochkov, D., Poutanen, J., Werner, K. 2017, “Probing the possibility of hotspots on the central neutron star in HESS J1731–347”, A&A, 600, A43
7. Rauch, T., Gamrath, S., Quinet, P., Löbbling, L., Hoyer, D., Werner, K., Kruk, J.W., Demleitner, M. 2017, “Stellar laboratories VIII. New Zr IV–VII, Xe IV–V, and Xe VII oscillator strengths and the Al, Zr, and Xe abundances of the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 599, A142
8. Hoyer, D., Rauch, T., Werner, K., Kruk, J.W., Quinet, P. 2017, “The complete spectral energy distribution of the hot, helium-rich white dwarf RX J0503.92854”, A&A, 598, A135
9. Suleimanov, V.F., Poutanen, J., Näätä, J., Kajava, J.J.E., Revnivtsev, M.G., Werner, K. 2017, “The direct cooling tail method for X-ray burst analysis to constrain neutron star masses and radii”, MNRAS, 466, 906
10. Reindl, N., Rauch, T., Miller Bertolami, M.M., Todt, H., Werner, K. 2017, “Breaking news from the HST: the central star of the Stingray Nebula is now returning towards the AGB”, MNRAS, 464, L51
11. Werner, K., Rauch, T., Kruk, J.W. 2016, “The far-ultraviolet spectra of two hot PG 1159 stars”, A&A, 593, A104
12. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2016, “The gaseous debris disk of the white dwarf SDSS J1228+1040. HST/COS search for far-ultraviolet signatures”, A&A, 593, A67
13. Werner, K., Rauch, T., Hoyer, D., Quinet, P. 2016, “Detection of forbidden line components of lithium-like carbon in stellar spectra”, ApJL, 827, L4
14. Suleimanov, V., Doroshenko, V., Ducci, L., Zhukov, G.V., Werner, K. 2016, “GK Per and EX Hya: Intermediate polars with small magnetospheres”, A&A, 591, A35
15. Rauch, T., Quinet, P., Hoyer, D., Werner, K., Richter, P., Kruk, J.W., Demleitner, M. 2016, “Stellar laboratories VII. New Kr IV–VII oscillator strengths and an improved spectral analysis of the hot, hydrogen-deficient DO-type white dwarf RE 0503–289”, A&A, 590, A128
16. Rauch, T., Quinet, P., Hoyer, D., Werner, K., Demleitner, M., Kruk, J.W. 2016, “Stellar laboratories VI. New Mo IV–VII oscillator strengths and the molybdenum abundance in the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 587, A39
17. Suleimanov, V.F., Poutanen, J., Klochkov, D., Werner, K. 2016, “Measuring the basic parameters of neutron stars using model atmospheres”, Eur. Phys. J. A, 52, 20
18. Boyarchuk, A.A., Shustov, B.M., Savanov, I.S., Sachkov, M.E., Bisikalo, D.V., Mashonkina, L.I., Wiebe, D.Z., Shematovich, V.I., Shchekinov, Yu.A., Ryabchikova, T.A., Chugai, N.N., Ivanov, P.B., Voshchinnikov, N.V., Gomez de Castro, A.I., Lamzin, S.A., Piskunov, N., Ayres, T., Strassmeier, K.G., Jeffrey, S., Zwintz, S.K., Shulyak, D., Gerard, J.-C., Hubert, B., Fossati, L., Lammer, H., Werner, K., Zhilkin, A.G., Kaigorodov, P.V., Sichevskii, S.G., Ustamuich, S., Kanev, E.N., Kilpio, E.Yu. 2016, “Scientific Problems Addressed by the Spektr-UV Space Project (World Space Observatory–Ultraviolet)”, Astronomy Reports, 60, 1
19. Richter, P., de Boer, K.S., Werner, K., Rauch, T. 2015, “High-velocity gas toward the LMC resides in the Milky Way halo”, A&A, 584, L6
20. Werner, K., Rauch, T. 2015, “Analysis of HST/COS spectra of the bare C-O stellar core H1504+65 and a high-velocity twin in the Galactic halo”, A&A, 584, A19
21. Werner, K., Rauch, T. 2015, “Hubble Space Telescope ultraviolet spectroscopy of the hottest known helium-rich pre-white dwarf KPD0005+5106”, A&A, 583, A131
22. Werner, K., Rauch, T., Kruk, J.W. 2015, “The far-ultraviolet spectra of “cool” PG 1159 stars”, A&A, 582, A94
23. Hoyer, D., Rauch, T., Werner, K., Hauschildt, P.H., Kruk, J.W. 2015, “Search with UVES and XSHOOTER for signatures of the low-mass secondary in the post-common envelope binary AA Doradus”, A&A, 578, A125
24. Rauch, T., Werner, K., Quinet, P., Kruk, J.W. 2015, “Stellar laboratories IV. New Ga IV, Ga V, and Ga VI oscillator strengths and the gallium abundance in the hot white dwarfs G191–B2B and RE 0503–289”, A&A, 577, A6
25. Werner, K., Rauch, T., Kučas, S., Kruk, J.W. 2015, “The prospective search for highly ionized technetium in hot (pre-) white dwarfs”, A&A, 574, A29
26. Klochkov, D., Suleimanov, V., Pühlhofer, G., Yakovlev, D.G., Santangelo, A., Werner, K., 2015, “The neutron star in HESS J1731–347: CCOs as laboratories to study the equation of state of superdense matter”, A&A, 573, A53

27. Reindl, N., Rauch, T., Werner, K., Kepler, S.O., Gänsicke, B.T., Gentile Fusillo, N.P. 2014, “Analysis of cool DO-type white dwarfs from the Sloan Digital Sky Survey Data Release 10”, *A&A*, 572, A117
28. Suleimanov, V., Hertfelder, M., Werner, K., Kley, W. 2014, “Modeling the EUV spectra of optically thick boundary layers of dwarf novae in outburst”, *A&A*, 571, A55
29. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2014, “Modeling the spectrum of Ton 345’s gaseous debris disk component”, *A&A*, 571, A44
30. Özsükan, G., Ekşi, K.Y., Hambaryan, V., Neuhäuser, R., Hohle, M.M., Ginski, C., Werner, K. 2014, “The Vela pulsar with an active fallback disk”, *ApJ*, 796, 46
31. Werner, K., Rauch, T. 2014, “Weak metal lines in optical high-resolution VLT and Keck spectra of “cool” PG1159 stars”, *A&A*, 569, A99
32. Kepler, S.O., Fraga, L., Winget, D.E., Bell, K., Córscico, A.H., Werner, K. 2014, “Discovery of a new PG1159 (GW Vir) pulsator”, *MNRAS*, 442, 2278
33. Reindl, N., Rauch, T., Werner, K., Kruk, J.W., Todt, H. 2014, “On helium-dominated stellar evolution: the mysterious role of the O(He)-type stars”, *A&A*, 566, A116
34. Rauch, T., Werner, K., Quinet, P., Kruk, J.W. 2014, “Stellar laboratories III. New Ba V, Ba VI, and Ba VII oscillator strengths and the barium abundance in the hot white dwarfs G191–B2B and RE 0503–289”, *A&A*, 566, A10
35. Rauch, T., Rudkowski, A., Kampka, D., Werner, K., Kruk, J.W., Moehler, S. 2014, “The virtual observatory service TheoSSA: Establishing a database of synthetic stellar flux standards II. NLTE spectral analysis of the OB-type subdwarf Feige 110”, *A&A*, 566, A3
36. Clayton, G.C., De Marco, O., Nordhaus, J., Green, J., Rauch, T., Werner, K., Chu, Y.-H. 2014, “Dusty disks around PG1159 stars?”, *AJ*, 147, 142
37. Reindl, N., Rauch, T., Parthasarathy, M., Werner, K., Kruk, J.W., Hamann, W.-R., Sander, A., Todt, H. 2014, “The rapid evolution of the exciting star of the Stingray Nebula”, *A&A*, 565, A40
38. Werner, K., Rauch, T., Kepler, S.O. 2014, “New hydrogen-deficient (pre-) white dwarfs in the Sloan Digital Sky Survey Data Release 10”, *A&A*, 564, A53
39. Rauch, T., Werner, K., Quinet, P., Kruk, J.W. 2014, “Stellar laboratories II. New Zn IV and Zn V oscillator strengths and their validation in the hot white dwarfs G191–B2B and RE 0503–289”, *A&A*, 564, A41
40. Pfeifer, M., Diebold, S., Barnstedt, J., Hermantutz, S., Kalkuhl, C., Kappelmann, N., Schanz, T., Werner, K. 2014, “Low Power Readout Electronics for a UV MCP Detector with Cross Strip Anode”, *Journal of Instrumentation*, 9, C03059
41. 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, A132
42. Suleimanov, V.F., Klochkov, D., Pavlov, G.G., Werner, K. 2014, “Carbon neutron star atmospheres”, *ApJS*, 210, 13
43. 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, A14
44. Hambaryan, V., Neuhäuser, R., Suleimanov, V., Werner, K. 2014, “Observational constraints of the compactness of isolated neutron stars”, *Journal of Physics: Conference Series*, 496, 012015
45. Rauch, T., Werner, K., Bohlin, R., Kruk, J.W. 2013, “The virtual observatory service TheoSSA: Establishing a database of synthetic stellar flux standards. I. NLTE spectral analysis of the DA-type white dwarf G191-B2B”, *A&A*, 560, A106
46. Hertfelder, M., Kley, W., Suleimanov, V., Werner, K. 2013, “The boundary layer in compact binaries”, *A&A*, 560, A56
47. Klochkov, D., Pühlhofer, G., Suleimanov, V., Simon, S., Werner, K., Santangelo, S. 2013, “A non-pulsating neutron star in the supernova remnant HESS J1731–347 / G353.6–0.7 with a carbon atmosphere”, *A&A*, 556, A41
48. Diebold, S., Barnstedt, J., Hermanutz, S., Kalkuhl, C., Kappelmann, N., Pfeifer, M., Schanz, T., Werner, K. 2013, “UV MCP Detectors for WSO-UV: Cross Strip Anode and Readout Electronics”, *IEEE Transactions on Nuclear Science*, 60, 918
49. Ziegler, M., Rauch, T., Werner, K., Köppen, J., Kruk, J.W. 2012, “BD–22°3467, a DAO-type post-EHB star ionizing the nebula Abell 35”, *A&A*, 548, A109
50. Potekhin, A.Y., Suleimanov, V.F., van Adelsberg, M., Werner, K. 2012, “Radiative properties of magnetic neutron stars with metallic surfaces and thin atmospheres”, *A&A*, 546, A121
51. Rauch, T., Werner, K., Biémont, E., Quinet, P., Kruk, J.W. 2012, “Stellar laboratories: new Ge V and Ge VI oscillator strengths and their validation in the hot white dwarf RE 0503–289”, *A&A*, 546, A55
52. Adamczak, J., Werner, K., Rauch, T., Schuh, S., Drake, J.J., Kruk, J.W. 2012, “Chandra grating spectroscopy of three hot white dwarfs”, *A&A*, 546, A1
53. Suleimanov, V., Poutanen, J., Werner, K. 2012, “X-ray bursting neutron star atmosphere models using exact relativistic kinetic equation for Compton scattering”, *A&A*, 545, A120
54. Werner, K., Rauch, T., Ringat, E., Kruk, J.W. 2012, “First Detection of Krypton and Xenon in a White Dwarf”, *ApJL*, 753, L7
55. Jordan, S., Bagnulo, S., Werner, K., O’Toole, S.J. 2012, “Magnetic fields in central stars of planetary nebulae?”, *A&A*, 542, A64
56. Suleimanov, V.F., Pavlov, G.G., Werner, K. 2012, “Magnetized neutron star atmospheres: beyond the cold plasma approximation”, *ApJ*, 751, 15
57. Ringat, E., Rauch, T., Werner, K. 2012, “Spectral analysis via the virtual observatory: The service TheoSSA”, *Baltic Astronomy*, 21, 341
58. Suleimanov, V., Poutanen, J., Revnivtsev, M., Werner, K. 2011, “Neutron star stiff equation of state derived from cooling phases of the X-ray burster 4U 1724-307”, *ApJ*, 742, 122
59. Hambaryan, V., Suleimanov, V., Schwöpe, A.D., Neuhäuser, R., Werner, K., Potekhin, A.Y. 2011 “Phase resolved spectroscopic study of the isolated neutron star RBS 1223 (1RXS J130848.6+212708)”, *A&A*, 534, A74
60. Werner, K., Rauch, T., Kruk, J.W., Kurucz, R.L. 2011, “Iron abundance in the prototype PG 1159 star, GW Vir pulsator PG 1159–035, and related objects”, *A&A*, 531, A146
61. 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, A7

62. 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, A119
63. Werner, K., Rauch, T. 2011, "UV spectroscopy of the hot bare stellar core H1504+65 with the HST Cosmic Origins Spectrograph", *Ap&SS*, 335, 121
64. Shustov, B., Sachkov, M., Gomez de Castro, A.I., Werner, K., Kappelman, N., Moisehev, A. 2011, "World space observatory-ultraviolet among UV missions of the coming years", *Ap&SS*, 335, 273
65. Reutlinger, A., Sachkov, M., Gal, C., Brandt, C., Haberler, P., Zucknik, K.-H., Sedlmaier, T., Shustov, B., Moisehev, A., Kappelman, N., Barnstedt, J., Werner, K. 2011, "Using the Cesium material for UV spectrographs for the WSO-UV spectrographs", *Ap&SS*, 335, 311
66. Suleimanov, V., Poutanen, J., Werner, K. 2011, "X-ray bursting neutron star atmosphere models: spectra and color corrections", *A&A*, 527, A139
67. Suleimanov, V., Potekhin, A.Y., Werner, K. 2010, "Models of magnetized neutron star atmospheres", *Adv. Space Res.*, 45, 92
68. Rauch, T., Werner, K. 2010, "Non-LTE Model Atmospheres for Supersoft X-ray Sources", *AN*, 331, 146
69. Rauch, T., Werner, K., Kruk, J.W. 2010, "EC11481-2303 – A Peculiar Subdwarf OB Star Revisited", *Ap&SS*, 329, 133
70. Suleimanov, V.F., Pavlov, G.G., Werner, K. 2010, "Quantum nature of cyclotron harmonics in thermal spectra of neutron stars", *ApJ*, 714, 630
71. Rauch, T., Orío, M., Gonzales-Riestra, R., Nelson, T., Still, M., Werner, K., Wilms, J. 2010, "NLTE model atmospheres for the hottest white dwarfs: Spectral analysis of the compact component in nova V4743 Sgr", *ApJ*, 717, 363
72. Werner, K., Rauch, T., Kruk, J.W. 2010, "Detection of iron in PG1159 stars", *ApJ*, 719, L32
73. Suleimanov, V., Hambaryan, V., Potekhin, A.Y., van Adelsberg, M., Neuhäuser, R., Werner, K. 2010, "Radiative properties of highly magnetized isolated neutron star surfaces and approximate treatment of absorption features in their spectra", *A&A*, 522, A111
74. Wassermann, D., Werner, K., Rauch, T., Kruk, J.W. 2010, "Metal abundances in the hottest known DO white dwarf (KPD0005+5106)", *A&A*, 524, A9
75. Barstow, M.A., Kowalski, M.P., Cruddace, R.G., Wood, K.S., Auchere, F., Bannister, N.J., Bode, M.F., Bromage, G.E., Burleigh, M.R., Cameron, A.C., Cassatella, A., Delmotte, F., Doyle, J.G., Gaensicke, B., Gibson, B., Jeffery, C.S., Jordan, C., Kappelman, N., Lallement, R., Lapington, J.S., de Martino, D., Matthews, S.A., Orío, M., Pace, E., Pagano, I., Phillips, K.J.H., Ravet, M.-F., Schmitt, J.H.M.M., Welsh, B.Y., Werner, K., Del Zanna, G. 2009, "Stellar And Galactic Environment survey (SAGE)", *Exp. Astron.*, 23, 169
76. Werner, K., Rauch, T., Reiff, E., Kruk, J.W. 2009, "AGB star intershell abundances inferred from UV spectra of extremely hot post-AGB stars", *Ap&SS*, 320, 159
77. Shustov, B., Sachkov, M., Gomez de Castro, A.I., Huang, M., Werner, K., Kappelman, N., Pagano, I. 2009, "WSO-UV – ultraviolet mission for the next decade", *Ap&SS*, 320, 187
78. Kappelman, N., Barnstedt, J., Werner, K., Becker-Ross, H., Florek, S. 2009, "WSO/UV spectrographs: the expected performance of HIRDES", *Ap&SS*, 320, 191
79. Barstow, M.A., Burleigh, M.R., Bannister, N.J., Lapington, J.S., Kowalski, M.P., Cruddace, R.G., Wood, K.S., Auchere, F., Bode, M.F., Bromage, G.E., Gibson, B., Cameron, A.C., Cassatella, A., Delmotte, F., Ravet, M.-F., Doyle, J.G., Jeffery, C.S., Gaensicke, B., Jordan, C., Kappelman, N., Werner, K., Lallement, R., de Martino, D., Matthews, S.A., Phillips, K.J.H., Del Zanna, G., Orío, M., Pace, E., Pagano, I., Schmitt, J.H.M.M., Welsh, B.Y. 2009, "Stellar and galactic environment survey (SAGE)", *Ap&SS*, 320, 231
80. Ziegler, M., Rauch, T., Werner, K., Kruk, J.W., Oliveira, C.M. 2009, "FUV spectroscopy of the central star of the planetary nebula Sh2-216", *Ap&SS*, 320, 257
81. Nagel, T., Rauch, T., Werner, K. 2009, "A new grid of NLTE accretion-disc models for AM CVn systems: application to CE 315", *A&A*, 499, 773
82. Suleimanov, V., Potekhin, A.Y., Werner, K. 2009, "Models of magnetized neutron star atmospheres: thin atmospheres and partially ionized hydrogen atmospheres with vacuum polarization", *A&A*, 500, 891
83. Ziegler, M., Rauch, T., Werner, K., Koesterke, L., Kruk, J.W. 2009, "UV spectroscopy of the hybrid PG1159-type central stars of the planetary nebulae NGC 7094 and Abell 43", in *Comm. in Asteroseismology*, 159, 107
84. Werner, K., Barnstedt, J., Gringel, W., Kappelman, N., Becker-Ross, H., Florek, S., Graue, R., Kampf, D., Reutlinger, A., Neumann, C., Shustov, B., Moisehev, A., Skripunov, E. 2008, "HIRDES – The High-Resolution Double-Echelle Spectrograph for the World Space Observatory Ultraviolet (WSO/UV)", *Adv. Space Res.*, 41, 1992
85. Rauch, T., Suleimanov, V., Werner, K. 2008, "Absorption features in the spectra of X-ray bursting neutron stars", *A&A*, 490, 1127
86. Suleimanov, V., Poutanen, J., Falanga, M., Werner, K. 2008, "Influence of Compton scattering on the broad-band X-ray spectra of intermediate polars", *A&A*, 491, 525
87. Fleig, J., Rauch, T., Werner, K., Kruk, J.W. 2008, "FUSE spectroscopy of the post common-envelope binary LB3459 (AA Dor)", *A&A*, 492, 565
88. Werner, K., Rauch, T., Kruk, J.W. 2008, "Discovery of photospheric Ca X emission lines in the far-UV spectrum of the hottest known white dwarf (KPD0005+5106)", *A&A*, 492, L43
89. Córscico, A.H., Althaus, L.G., Miller Bertolami, M.M., Werner, K. 2007, "Asteroseismological constraints on the pulsating planetary nebula nucleus (PG1159-type) RX J2117.1+3412", *A&A*, 461, 1095
90. Jahn, D., Rauch, T., Reiff, E., Werner, K., Kruk, J.W., Herwig, F. 2007, "High-resolution ultraviolet spectroscopy of PG1159-035 with HST and FUSE", *A&A*, 462, 281
91. Werner, K., Jahn, D., Rauch, T., Reiff, E., Herwig, F., Kruk, J.W. 2007, "AGB star intershell abundances inferred from extremely hot H-deficient post-AGB stars", *Baltic Astronomy*, 16, 142
92. Werner, K., Rauch, T., Kruk, J.W. 2007, "Discovery of photospheric argon in very hot central stars of planetary nebulae and white dwarfs", *A&A*, 466, 317
93. Suleimanov, V., Werner, K. 2007, "Importance of Compton scattering for radiation spectra of isolated neutron stars with weak magnetic fields", *A&A*, 466, 661

94. Werner, K., Nagel, T., Rauch, T. 2007, “Non-LTE modeling of supernova-fallback disks”, *Ap&SS*, 308, 141
95. Suleimanov, V., Werner, K. 2007, “Importance of Compton scattering for radiation spectra of isolated neutron stars”, *Ap&SS*, 308, 471
96. Werner, K., Nagel, T., Rauch, T., Suleimanov, V. 2007, “Non-LTE Models for Neutron Star Atmospheres and Supernova-Fallback Disks”, *Adv. Space Res.*, 40, 1512
97. Rauch, T., Ziegler, M., Werner, K., Kruk, J.W., Oliveira, C.M., Vande Putte, D., Mignani, R.P., Kerber, F. 2007, “High-resolution FUSE and HST ultraviolet spectroscopy of the white dwarf central star of Sh2-216”, *A&A*, 470, 317
98. Werner, K., Rauch, T., Kruk, J.W. 2007, “Identification of Ne VIII lines in H-deficient (pre-) white dwarfs: A new tool to constrain the temperature of the hottest stars”, *A&A*, 474, 591
99. Kromer, M., Nagel, T., Werner, K. 2007, “Synthetic accretion disc spectra for the dwarf nova SS Cyg during an outburst cycle”, *A&A*, 475, 301
100. Córscico, A.H., Miller Bertolami, M.M., Althaus, L.G., Vauclair, G., Werner, K. 2007, “Asteroseismological constraints on the coolest GW Vir variable star (PG1159-type) PG 0122+200”, *A&A*, 475, 619
101. Barstow, M.A., Werner, K. 2006, “Structure and evolution of white dwarfs and their interaction with the local interstellar medium”, *Ap&SS*, 303, 3
102. Werner, K., Herwig, F. 2006, “The Elemental Abundances in Bare Planetary Nebula Central Stars and the Shell Burning in AGB Stars”, *PASP*, 118, 183
103. 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
104. Hügelmeyer, S.D., Dreizler, S., Homeier, D., Krzesinski, J., Werner, K., Nitta, A., Kleinman, S.J. 2006, “Spectral analyses of eighteen hot H-deficient (pre-) white dwarfs from the Sloan Digital Sky Survey Data Release 4”, *A&A*, 454, 617
105. Suleimanov, V., Madej, J., Drake, J.J., Rauch, T., Werner, K. 2006, “On the relevance of Compton scattering for the soft X-ray spectra of hot DA white dwarfs”, *A&A*, 455, 679
106. Jordan, S., Werner, K., O’Toole, S.J. 2005, “Discovery of magnetic fields in central stars of planetary nebulae”, *A&A*, 432, 273
107. Werner, K., Rauch, T., Kruk, J.W. 2005, “Fluorine in extremely hot post-AGB stars: evidence for nucleosynthesis”, *A&A*, 433, 641
108. Drake, J.J., Werner, K. 2005, “Depositing the cool corona of KPD0005+5106”, *ApJ*, 625, 973
109. Werner, K., Drake, J.J. 2005, “Line identification in soft X-ray spectra of stellar coronae by comparison with the hottest white dwarf’s photosphere: Procyon, α Cen A+B, and H1504+65”, *A&A*, 434, 707
110. Hügelmeyer, S.D., Dreizler, S., Werner, K., Krzesinski, J., Nitta, A., Kleinman, S.J. 2005, “Spectral analyses of DO white dwarfs and PG1159 stars from the Sloan Digital Sky Survey”, *A&A*, 442, 309
111. Werner, K., Rauch, T., Barstow, M.A., Kruk, J.W. 2004, “Chandra and FUSE spectroscopy of the hot bare stellar core H 1504+65”, *A&A*, 421, 1169
112. Werner, K., Rauch, T., Napiwotzki, R., Christlieb, N., Reimers, D., Karl, C.A. 2004, “Identification of a DO white dwarf and a PG1159 star in the ESO SN-Ia progenitor survey (SPY)”, *A&A*, 424, 657
113. Nagel, T., Werner, K. 2004, “Detection of non-radial g-mode pulsations in the newly discovered PG1159 star HE 1429–1209”, *A&A*, 426, L45
114. 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 AMCVn”, *A&A*, 428, 109
115. Chu, Y.-H., Gruendl, R.A., Williams, R.M., Gull, T.R., Werner, K. 2004, “The Nebular Environment and Enigmatic Hard X-ray Emission of the Hot DO White Dwarf KPD0005+5106”, *AJ*, 128, 2357
116. Werner, K., Rauch, T., Reiff, E., Kruk, J.W., Napiwotzki, R. 2004, “Identification of neon in FUSE and VLT spectra of extremely hot hydrogen-deficient (pre-) white dwarfs”, *A&A*, 427, 685
117. Rauch, T., Werner, K. 2003, “The rotational velocity of the sdOB primary of the eclipsing binary system LB 3459 (AA Dor)”, *A&A*, 400, 271
118. Dreizler, S., Hauschildt, P., Kley, W., Rauch, T., Schuh, S.L., Werner, K., Wolff, B. 2003, “OGLE-TR-3: A Possible New Transiting Planet”, *A&A*, 402, 791
119. Ercolano, B., Barlow, M.J., Storey, P.J., Liu, X.-W., Rauch, T., Werner, K. 2003, “Three-dimensional photoionization modelling of the hydrogen-deficient knots in the planetary nebula Abell 30”, *MNRAS*, 344, 1145
120. Rauch, T., Heber, U., Werner, K. 2002, “Spectral analysis of the sdO K648, the exciting star of the planetary nebula Ps1 in the globular cluster M15 (NGC 7078)”, *A&A*, 381, 1007
121. Drake, J.J., Marshall, H.L., Dreizler, S., Freeman, P.E., Fruscione, A., Juda, M., Kashyap, V., Nicastro, F., Pease, D.O., Wargelin, B.J., Werner, K. 2002, “Is RXJ1856.5-3754 a Quark Star?”, *ApJ*, 572, 996
122. Miksa, S., Deetjen, J.L., Dreizler, S., Kruk, J., Rauch, T., Werner, K. 2002, “Iron abundance in hot hydrogen-deficient central stars and white dwarfs from FUSE, HST, and IUE spectroscopy”, *A&A*, 389, 953
123. Dreizler, S., Rauch, T., Hauschildt, P., Schuh, S.L., Kley, W., Werner, K. 2002, “Spectral types of planetary host star candidates: Two new transiting planets?”, *A&A*, 391, L17
124. Werner, K. 2001, “Properties of atmospheres and winds of H-deficient central stars and related objects”, *Ap&SS*, 275, 27
125. Heber, U., Reid, I.N., Werner, K. 2000, “Spectral analysis of four multi mode pulsating sdB stars”, *Baltic Astronomy*, 9, 171
126. Barstow, M.A., Dreizler, S., Holberg, J.B., Finley, D.S., Werner, K., Hubeny, I., Sion, E.M. 2000, “The discovery of photospheric nickel in the hot DO white dwarf REJ0503-289”, *MNRAS*, 314, 109
127. Heber, U., Reid, I.N., Werner, K. 2000, “Spectral analysis of multi mode pulsating sdB stars. II. Feige 48, KPD 2109+4401 and PG 1219+534”, *A&A*, 363, 198
128. Werner, K., Dreizler, S. 1999, “The Classical Stellar Atmosphere Problem”, *Journal of Computational and Applied Mathematics*, 109, 65
129. Werner, K., Wolff, B. 1999, “The EUV spectrum of the unique bare stellar core H1504+65”, *A&A*, 347, L9

130. Rauch, T., Köppen, J., Napiwotzki, R., Werner, K. 1999, "Classification and spectral analysis of faint central stars of highly excited planetary nebulae", *A&A*, 347, 169
131. Heber, U., Reid, I.N., Werner, K. 1999, "Spectral analysis of the multi mode pulsating subluminoous B star PG 1605+072", *A&A*, 348, L25
132. Deetjen, J.L., Dreizler, S., Rauch, T., Werner, K. 1999, "The iron abundance in hot central stars of planetary nebulae derived from IUE spectra", *A&A*, 348, 940
133. Koesterke, L., Werner, K. 1998, "Determination of mass-loss rates of PG 1159 stars from FUV spectroscopy", *ApJ*, 500, L55
134. Kruk, J.W., Werner, K. 1998, "FUV Spectroscopy of PG 1159 Stars with the Hopkins Ultraviolet Telescope", *ApJ*, 502, 858
135. Widmann, H., de Boer, K.S., Richter, P., Krämer, G., Appenzeller, I., Barnstedt, J., Gözl, M., Grewing, M., Gringel, W., Mandel, H., Werner, K. 1998, "ORFEUS II echelle spectra: The scale height of interstellar O VI in the halo", *A&A*, 338, L1
136. Richter, P., Widmann, H., de Boer, K.S., Appenzeller, I., Barnstedt, J., Gözl, M., Grewing, M., Gringel, W., Kappelmann, N., Krämer, G., Mandel, H., Werner, K. 1998, "ORFEUS II echelle spectra: detection of H₂ absorption in the SMC gas", *A&A*, 338, L9
137. Saurer, W., Werner, K., Weinberger, R. 1997, "Spectroscopy of the central stars of three evolved planetary nebulae", *A&A*, 328, 598
138. Werner, K., Rauch, T. 1997, "Mass and radius of the white dwarf in the binary V471 Tau from ORFEUS and HIPPARCOS observations", *A&A*, 324, L25
139. Werner, K., Bagschik, K., Rauch, T., Napiwotzki, R. 1997, "A search for planetary nebulae around hot white dwarfs", *A&A*, 327, 721
140. Haas, S., Dreizler, S., Heber, U., Jeffery, S., Werner, K. 1996, "Iron- and nickel abundances of subluminoous O-stars. I. NLTE model atmospheres with line blanketing by iron group elements", *A&A*, 311, 669
141. Werner, K. 1996, "Search for trace amounts of hydrogen in hot DO white dwarfs", *A&A*, 309, 861
142. Werner, K., Dreizler, S., Heber, U., Rauch, T., Fleming, T.A., Sion, E.M., Vauclair, G. 1996, "High resolution spectroscopy of two hot (pre-) white dwarfs with the Hubble Space Telescope. KPD 0005+5106 and RX J2117+3412", *A&A*, 307, 860
143. Rauch, T., Köppen, J., Werner, K. 1996, "Spectral analysis of the multiple-shell planetary nebula LoTr 4 and its very hot hydrogen-deficient central star", *A&A*, 310, 613
144. Dreizler, S., Werner, K., Heber, U., Engels, D. 1996, "Discovery and analysis of a hydrogen-rich PG 1159 star", *A&A*, 309, 820
145. Werner, K. 1996, "On the Balmer Line Problem", *ApJ*, 457, L39
146. Dreizler, S., Werner, K. 1996, "Spectral analysis of hot helium-rich white dwarfs", *A&A*, 314, 217
147. Jordan, S., Schmutz, W., Wolff, B., Werner, K., Mürset, U. 1996, "Extragalactic symbiotic systems. IV. The supersoft X-ray source SMC 3", *A&A*, 312, 897
148. Hoare, M.G., Drake, J.J., Werner, K., Dreizler, S. 1996, "The extreme ultraviolet spectrum of the central star of the planetary nebula NGC 1360", *MNRAS*, 283, 830
149. Werner, K. 1995, "Spectra of GW Vir pulsators", *Baltic Astronomy*, 4, 340
150. Hoare, M.G., Barstow, M.A., Werner, K., Fleming, T.A. 1995, "ROSAT observations of EUV-bright planetary nebula central stars", *MNRAS*, 273, 812
151. Werner, K., Dreizler, S., Wolff, B. 1995, "Spectral analysis of the hot DO white dwarf PG 1034+001", *A&A*, 298, 567
152. Werner, K., Dreizler, S., Heber, U., Rauch, T., Wisotzki, L., Hagen, H.-J. 1995, "Discovery of two hot DO white dwarfs exhibiting ultrahigh-excitation absorption lines", *A&A*, 293, L75
153. Barstow, M.A., Holberg, J.B., Werner, K., Buckley, D.S., Stobie, R.S. 1994, "The nature of the newly discovered DO white dwarf RE 0503-289", *MNRAS*, 267, 653
154. Jordan, S., Mürset, U., Werner, K. 1994, "A model for the X-ray spectrum of the symbiotic nova RR Tel", *A&A*, 283, 475
155. Werner, K., Heber, U., Fleming, T.A. 1994, "Spectral analysis of the hottest known helium-rich white dwarf: KPD 0005+5106", *A&A*, 284, 907
156. Dreizler, S., Werner, K., Jordan, S., Hagen, H. 1994, "A "cool" PG 1159 star discovered by the Hamburg Schmidt Survey: NLTE analysis of HS 0704+6152", *A&A*, 286, 463
157. Rauch, T., Köppen, J., Werner, K. 1994, "Spectral Analysis of the planetary nebula K 1-27 and its very hot hydrogen-deficient central star", *A&A*, 286, 543
158. Werner, K., Rauch, T. 1994, "On the neon abundance in PG 1159-type central stars of planetary nebulae", *A&A*, 284, L5
159. Werner, K., Dreizler, S. 1994, "On the nickel abundance in hot hydrogen rich white dwarfs", *A&A*, 286, L31
160. Motch, C., Werner, K., Pakull, M. 1993, "A new PG 1159-type central star discovered in the ROSAT XRT all sky survey: non-LTE analysis of X-ray and optical spectra", *A&A*, 268, 561
161. Vauclair, G., Belmonte, J.A., Pfeiffer, B., Chevreton, M., Dolez, N., Motch, C., Werner, K., Pakull, M.W. 1993, "A new pulsating PG1159 white dwarf: RXJ2117.1+3412", *A&A*, 267, L35
162. Holberg, J.B., Barstow, M.A., Buckley, D., Chen, A., Dreizler, S., Marsh, M.C., O'Donoghue, D., Sion, E.M., Tweedy, R.W., Vauclair, G., Werner, K. 1993, "Two new extremely iron-rich hot DA white dwarfs and the nature of the EUV opacity", *A&A*, 416, 806
163. Dreizler, S., Werner, K. 1993, "Line blanketing by iron group elements in Non-LTE model atmospheres for hot stars", *A&A*, 278, 199
164. Napiwotzki, R., Barstow, M.A., Fleming, T., Holweger, H., Jordan, S., Werner, K. 1993, "Analysis of the DA white dwarf HZ 43 A and its companion star", *A&A*, 278, 478
165. Fleming, T.A., Werner, K., Barstow, M.A. 1993, "Detection of the First Coronal X-ray Source about a White Dwarf", *ApJ*, 416, L79
166. Werner, K., Hamann, W.-R., Heber, U., Napiwotzki, R., Rauch, T., Wessolowski, U. 1992, "A spectacular mass-loss event of the central star Longmore 4", *A&A*, 259, L69
167. Rauch, T., Heber, U., Hunger, K., Werner, K., Neckel, T. 1991, "NLTE-Analysis of subluminoous O stars: KS 292", *A&A*, 241, 457
168. Werner, K., Heber, U., Hunger, K. 1991, "Non-LTE Analysis of Four PG1159 stars", *A&A*, 244, 437
169. Werner, K., Heber, U. 1991, "On the evolutionary link between white dwarfs and central stars of planetary nebulae: NLTE analysis of PG1144+005", *A&A*, 247, 476

170. Werner, K. 1991, "NLTE analysis of the unique pre-white dwarf H1504+65", *A&A*, 251, 147
171. Dreizler, S., Heber, U., Werner, K., Moehler, S., de Boer, K.S. 1990, "Hot subluminous stars at high galactic latitudes: III. Non-LTE analysis of extremely helium rich sdO stars", *A&A*, 235, 234
172. Werner, K. 1989, "Non-LTE model atmosphere calculations with approximate lambda operators: application of tridiagonal operators", *A&A*, 226, 265
173. Heber, U., Werner, K., Drilling, J.S. 1988, "High resolution spectroscopy of central stars of planetary nebulae: LSS 1362", *A&A*, 194, 223
174. Rauch, T., Werner, K. 1988, "Implications of model atoms and numerical approximations on structure and line profiles of non-LTE stellar atmospheres", *A&A*, 202, 159
175. Werner, K. 1988, "Non-LTE Line Blanketing in Atmospheres of Hot Stars: The Effects of Hydrogen, Helium and Carbon", *A&A*, 204, 159
176. Werner, K. 1986, "Construction of non-LTE model atmospheres using approximate lambda operators", *A&A*, 161, 177
177. Werner, K., Husfeld, D. 1985, "Multi-level non-LTE line formation calculations using approximate lambda-operators", *A&A*, 148, 417
178. Werner, K. 1984, "Stark broadening in non-LTE stellar atmospheres: effects on occupation numbers and line profiles", *A&A*, 139, 237
179. Holweger, H., Werner, K. 1982, "The solar abundance of tungsten", *Solar Phys.*, 81, 3

B. Non-refereed Publications

1. Werner, K., Hoyer, D., Rauch, T., Kruk, J.W., Quinet, P. 2017, “Trace Metals in PG1159 Stars and the First Identification of Metal Line Forbidden Components in Astrophysical Sources”, ASP Con. Ser., 509, 177
2. Rauch, T., Gamrath, S., Quinet, P., Hoyer, D., Werner, K., Kruk, J.W. 2017, “Heavy Metals Resisting Gravity in White Dwarfs?”, ASP Con. Ser., 509, 183
3. Hoyer, D., Rauch, T., Werner, K. 2017, “Is the DO-type white dwarf a unique object?”, ASP Con. Ser., 509, 189
4. Gaensicke, B., ..., Werner, K., ... 2016, “Stellar archaeology with Gaia: the Galactic white dwarf population”, ASP Con. Ser., 507, 159
5. Reindl, N., Rauch, T., Miller Bertolami, M.M., Werner, K. 2016, “The rapid evolution of the central star of the Stingray Nebula latest news from the HST”, JPhCS, 728, 032006
6. Reindl, N., Rauch, T., Werner, K., Kepler, S.O., Gänsicke, B., Gentile Fusillo, N.P. 2015 “Hot, hydrogen-deficient white dwarfs in the Sloan Digital Sky Survey Data Release 10”, in 19th European White Dwarf Workshop, ASP Con. Ser., 493, 21
7. Werner, K., Rauch, T., Crespo López-Urrutia, J.R., Kruk, J.W., Kučas, S., Quinet, P. 2015 “Trans-iron elements in the hot DO-type white dwarf RE0503–289 and the prospective search for technetium”, in 19th European White Dwarf Workshop, ASP Con. Ser., 493, 27
8. Suleimanov, V.F., Mauche, C.W., Zhuchkov, R.Y., Werner, K. 2015, “Model atmosphere spectrum fit to the soft X-ray outburst spectrum of SS Cyg”, Acta Polytechnica, CTU Proceedings, Vol. 2, 143
9. Hermanutz, S., Barnstedt, J., Diebold, S., Elsener, H.R., Kalkuhl, C., Kappelmann, N., Pfeifer, M., Schanz, T., Werner, K. 2014, “An introduction to the IAAT ultraviolet MCP detector development”, Proc. SPIE, 9144, 34
10. Pfeifer, M., Barnstedt, J., Diebold, S., Hermanutz, S., Kalkuhl, C., Kappelmann, N., Schanz, T., Schütze, B., Werner, K. 2014, “Characterisation of low power readout electronics for a UV microchannel plate detector with cross-strip readout”, Proc. SPIE, 9144, 38
11. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2014, “Non-LTE Spectra for Gaseous Planetary Debris Disks around WDs”, in Proc. IAUS 299, p. 342
12. Hambaryan, V., Suleimanov, V., Neuhäuser, R., Werner, K. 2013, “Constraints of the compactness of the isolated neutron stars via X-ray phase-resolved spectroscopy”, in Proc. IAUS 291, 393
13. Reindl, N., Rauch, T., Werner, K., Kruk, J.W. 2013, “HST/COS Spectroscopy of Hydrogen-Deficient Post-AGB Stars: Clues on the Nature of O(He)-Type Stars”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 143
14. Müller, U.C., Rauch, T., Werner, K., Kruk, J.W. 2013, “UV Spectroscopy of Hydrogen-Deficient post-AGB Stars: PG1144+005 and PG1520+525”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 149
15. Werner, K., Rauch, T., Ringat, E., Kruk, J.W. 2013, “Metal Abundances in Hot DO White Dwarfs: RE0503–289 and KPD0005+5106”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 161
16. Rauch, T., Werner, K., Kruk, J.W., 2013, “A Heavy-Weight post-AGB Star: The Exciting Star of the Planetary Nebula NGC 246”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 317
17. Suleimanov, V.F., Mauche, C.W., Zhuchkov, R.Y., Werner, K., 2013, “Fitting the Chandra LETG spectrum of SS Cyg in outburst with model atmosphere spectra”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 349
18. Jordan, S., Bagnulo, S., Landstreet, J., Fossati, L., Valyanin, G.G., Monin, D., Wade, G.A., Werner, K., O’Toole, S.J., 2013, “Low magnetic fields in white dwarfs and their direct progenitors?”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 411
19. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2013, “New Observations and NLTE modeling of the Gaseous Planetary Debris Disk around Ton 345”, in 18th European White Dwarf Workshop, ASP Con. Ser., 469, 461
20. Diebold, S., Barnstedt, J., Elsener, H.-R., Ganz, P., Hermanutz, S., Kalkuhl, C., Kappelmann, N., Pfeifer, M., Tanirah, O., Schaadt, D., Schanz, T., Werner, K. 2012, “MCP Detector Development for WSO-UV”, Proc. SPIE, 8443, 2X
21. Hermanutz, S., Barnstedt, J., Diebold, S., Elsener, H.-R., Ganz, P., Kalkuhl, C., Kappelmann, N., Pfeifer, M., Tanirah, O., Sachkov, M., Schaadt, D., Schanz, T., Shustov, B.M., Werner, K. 2012, “An Introduction to the World Space Observatory-Ultraviolet Spectrographs”, Proc. SPIE, 8443, 04
22. Pfeifer, M., Barnstedt, J., Bauer, C., Diebold, S., Hermanutz, S., Kalkuhl, C., Kappelmann, N., Löchner, S., Schanz, T., Schmelling, M., Werner, K. 2012, “Low-power readout electronics for microchannel plate detectors with cross strip anodes”, Proc. SPIE, 8443, 2O
23. Werner, K. 2012, “Central stars of planetary nebulae: the white dwarf connection”, in Planetary Nebulae: An eye to the future, Proc. IAU Symp. 283, 196
24. Ziegler, M., Rauch, T., Werner, K., Kruk, J.W. 2012, “(F)UV spectroscopy of 15 extremely hot central stars of planetary nebulae”, in Planetary Nebulae: An eye to the future, Proc. IAU Symp. 283, 211
25. Mahsereci, M., Rauch, T., Ringat, E., Werner, K., Kruk, J.W. 2012, “Spectral analysis of PG1034+001, the exciting star of Hewett 1”, in Planetary Nebulae: An eye to the future, Proc. IAU Symp. 283, 426
26. Reindl, N., Ringat, E., Rauch, T., Werner, K., Kruk, J.W. 2012, “Spectral analysis of the O(He)-type central stars of the planetary nebulae K1-27 and LoTr4”, in Planetary Nebulae: An eye to the future, Proc. IAU Symp. 283, 482
27. Korčáková, D., Nagel, T., Werner, K., Suleimanov, V., Votruba, V. 2012, “Influence of rotation velocity gradient on line profiles of accretion discs of CVs”, in From Interacting Binaries to Exoplanets: Essential Modeling Tools, Proc. IAU Symp. 282, 255
28. Suleimanov, V., Rauch, T., Werner, K. 2012, “Absorption features in the spectra of X-ray bursting neutron stars”, Proc. Twelfth Marcel Grossmann Meeting on General Relativity, eds. T. Damour, R. T. Jantzen and R. Ruffini, Singapore: World Scientific, p.958
29. Suleimanov, V., Pavlov, G., Werner, K. 2011, “Magnetized neutron star atmospheres: beyond the cold plasma approximation”, in Fast X-ray timing and spectroscopy at extreme count rates, Proc. of Science, <http://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=122>
30. Suleimanov, V., Poutanen, J., Revnivtsev, M., Werner, K. 2011, “X-ray bursting neutron star atmosphere models”, in Fast X-ray timing and spectroscopy at extreme count rates, Proc. of Science, <http://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=122>
31. Gomez de Castro, A.I., Shustov, B., Sachkov, M., Kappelmann, N., Werner, K. 2011, “WSO-UV: the space telescope for ultraviolet astronomy in 2014–2024”, in Highlights of Spanish Astrophysics V, eds. M.R. Zapatero Osario et al., <http://www.sea-astronomia.es/drupal/sites/default/files/archivos/proceedings9/INSTRUMENTACION/ORALES/gomezdecastroa/F-gomezdecastro.pdf>

32. Hoffmann, H., Jaumann, R., Hiesinger, H., Claasen, F., Spohn, T., Mall, U., Helbert, J., Kappelmann, N., Werner, K., Wimmer-Schweingruber, R., Srama, R., Oberst, J., Flohrer, J., Werner, M., Neukum, G., van Gasselt, S., Schmitz, N., Eichertopf, K., Knigge, T., Kummer, U., Langemann, M., Haarmann, R., Müller, H. 2011, "A dedicated small lunar exploration orbiter and a mobile surface element", Abstract, Annual Meeting of the Lunar Exploration Analysis Group, Houston, LPI Contribution No. 1646, p.28
33. Suleimanov, V., Hambaryan, V., Potekhin, A.Y., Pavlov, G.G., van Adelsberg, M., Neuhäuser, R., Werner, K. 2011, "Absorption Features in Spectra of Magnetized Neutron Stars", in *Astrophysics of Neutron Stars 2010*, eds. E. Göğüs, T. Belloni, Ü. Ertan, AIP Conference Proceedings, 1379, 119
34. Hambaryan, V., Suleimanov, V., Neuhäuser, R., Werner, K. 2011, "Phase-resolved spectroscopic study of the isolated neutron star RBS1223", in *Astrophysics of Neutron Stars 2010*, eds. E. Göğüs, T. Belloni, Ü. Ertan, AIP Conference Proceedings, 1379, 195
35. Suleimanov, V., Poutanen, J., Revnivtsev, M., Werner, K. 2011, "Model atmospheres of X-ray bursting neutron stars", in *Astrophysics of Neutron Stars 2010*, eds. E. Göğüs, T. Belloni, Ü. Ertan, AIP Conference Proceedings, 1379, 197
36. Ringat, E., Friederich, F., Rauch, T., Werner, K., Kruk, J.W. 2011, "UV Spectroscopy of the Central Star of the Planetary Nebula A 43", in *Asymmetric Planetary nebulae V*, eds. A.A. Zijlstra, F. Lykou, I. McDonald, E. Lagadec, Jodrell Bank Centre for Astrophysics, online proceedings, <http://site.ebrary.com/lib/jodrell/docDetail.action?docID=10442370&p00=eball>, p. 165
37. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2011, "Asymmetric Line Profiles in Spectra of Gaseous Metal Disks around Single White Dwarfs", in *Planetary Systems beyond the Main Sequence*, eds. S. Schuh, H. Drechsel, U. Heber, AIP Conference Proceedings, 1331, 222
38. Rauch, T., Werner, K. 2010, "HST Spectroscopy of the Hottest White Dwarfs", in *The Impact of HST on European Astronomy*, ed. F.D. Macchetto, *Astrophysics and Space Science Proceedings*, p. 11
39. Gomez de Castro, A.I., Shustov, B., Sachkov, M., Kappelmann, N., Huang, M., Werner, K. 2010, "The Space Telescope for Ultraviolet Astronomy WSO-UV", in *Highlights of Spanish Astrophysics V*, eds. J.M. Diego, L.J. Goicoechea, J.I. González-Serrano, J. Gorgas, *ApSS Proceedings*, Springer, p. 219
40. Werner, K. 2010, "Element Abundance Determination in Hot Evolved Stars", in *Recent Advances in Spectroscopy: Theoretical, Astrophysical, and Experimental Perspectives*, eds. R.K. Chaudhuri, M.V. Mekkaden, M.V. Raveendran, A. Satya Nayaranan, *ApSS Proceedings*, Springer, p. 199
41. Werner, K., Rauch, T. 2010, "HST/COS Spectroscopy of H1504+65", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 58
42. Werner, K., Rauch, T., Kruk, J.W. 2010, "Discovery of Iron in PG1159 Stars", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 75
43. Wassermann, D., Werner, K., Rauch, T., Kruk, J.W. 2010, "Metal Abundances in the Hottest Known DO White Dwarf (KPD0005+5106)", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 105
44. Barnstedt, J., Kappelmann, N., Werner, K. 2010, "HIRDES – The main instrument of the WSO/UV satellite", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 125
45. Rauch, T., Werner, K. 2010, "HST/COS Observations of O(He) Stars", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 203
46. Friederich, F., Rauch, T., Werner, K., Koesterke, L., Kruk, J.W. 2010, "UV Spectroscopy of the Central Star of the Planetary Nebula Abell 43", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 231
47. Ziegler, M., Rauch, T., Werner, K., Kruk, J.W. 2010, "(F)UV Spectral Analysis of Hot, Hydrogen-Rich Central Stars", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 235
48. Mohamad-Yob, S.J., Ziegler, M., Rauch, T., Werner, K. 2010, "FUV spectroscopy of K648, abundance determination of trace elements", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 239
49. Krausz, D., Nagel, T., Rauch, T., Werner, K. 2010, "Spectral Analysis of AM CVn Systems", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 305
50. Korčáková, D., Nagel, T., Werner, K., Suleimanov, V., Votruba, V. 2010, "Radiative Transfer Through Discs of Cataclysmic Variables", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 350
51. Semionov, D., Nagel, T., Suleimanov, V., Werner, K. 2010, "WACCABI – A 2D Radiative Transfer Code for Stellar Winds in Cataclysmic Variables", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 354
52. Adamczak, J., Werner, K., Rauch, T., Schuh, S., Drake, J.J., Kruk, J.W. 2010, "Analysis of Chandra-LETG spectra of two DA white dwarfs and a PG1159 star", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 406
53. Hartmann, S., Nagel, T., Rauch, T., Werner, K. 2010, "Asymmetric Line Profiles in Spectra of Gaseous Metal Disks around Single White Dwarfs", in *17th European White Dwarf Workshop*, eds. K. Werner, T. Rauch, AIP Conference Proceedings, 1273, 476
54. Rauch, T., Werner, K., Ziegler, M., Kruk, J.W., Oliveira, C.M. 2009, "Spectral Analysis of Central Stars of Planetary Nebulae", in *Asymmetrical planetary nebulae IV*, eds. R.L.M. Corradi, A. Manchado, N. Soker, electronic proceedings, <http://www.iac.es/project/apn4/pages/proceedings.php>, p. 133
55. Pagano, I., Sachkov, M., Gomez de Castro, A.I., Huang, M., Kappelmann, N., Scuderi, S., Shustov, B., Werner, K., Zhao, G., 2009, "The focal-plane instruments on board WSO-UV", in *New Quests in Stellar Astrophysics. II. Ultraviolet Properties of Evolved Stellar Populations*, eds. M. Chavez, E. Bertone, D. Rosa-Gonzalez, L.H. Rodriguez-Merino, Springer, p. 309
56. Shugarov, A., Shustov, B., Sachkov, M., Gomez de Castro, A.I., Werner, K., Kappelmann, N., Huang, M. 2009, "World space observatory-ultraviolet", *EAS Publications Series*, 37, 217
57. Werner, K., Nagel, T., Rauch, T. 2009, "Spectral modeling of gaseous metal disks around DAZ white dwarfs", in *16th European Workshop on White Dwarfs*, eds. E. Garcia-Berro, M. Hernanz, J. Isern, S. Torres, *Journal of Physics: Conference Series*, 172, 012054
58. Ziegler, M., Rauch, T., Werner, K., Koesterke, L., Kruk, J.W. 2009, "UV spectroscopy of the central star of the planetary nebula NGC 7094", in *16th European Workshop on White Dwarfs*, eds. E. Garcia-Berro, M. Hernanz, J. Isern, S. Torres, *Journal of Physics: Conference Series*, 172, 012032
59. Werner, K., Rauch, T., Kruk, J.W. 2009, "Abundances in Hot Evolved Stars", in *Future Directions in Ultraviolet Spectroscopy*, eds. G. Sonneborn, M.E. Van Steenberg, H.W. Moos, W.P. Blair, AIP Conference Proceedings, 804, 133

60. Rauch, T., Fleig, J., Werner, K., Kruk, J.W. 2009, "Spectral Analysis of the sdOB primary of the Post Common-Envelope Binary LB3459 (AA Dor)", in *Future Directions in Ultraviolet Spectroscopy*, eds. G. Sonneborn, M.E. Van Steenberg, H.W. Moos, W.P. Blair, AIP Conference Proceedings, 804, 165
61. Rauch, T., Werner, K., Kruk, J.W. 2009, "The Evolution of O(He) Stars", in *Future Directions in Ultraviolet Spectroscopy*, eds. G. Sonneborn, M.E. Van Steenberg, H.W. Moos, W.P. Blair, AIP Conference Proceedings, 804, 168
62. Rauch, T., Werner, K., Ziegler, M., Koesterke, L., Kruk, J.W., Oliveira, C.M. 2009, "The Impact of FUSE on our understanding of Stellar Post-AGB Evolution", in *Future Directions in Ultraviolet Spectroscopy*, eds. G. Sonneborn, M.E. Van Steenberg, H.W. Moos, W.P. Blair, AIP Conference Proceedings, 804, 171
63. Werner, K., Shustov, B., Sachkov, M., Gómez de Castro, A.I., Huang, M., Kappelman, N., Zhao, G. 2009, "WSO-UV – Ultraviolet Mission for the Next Decade", in *Future Directions in Ultraviolet Spectroscopy*, eds. G. Sonneborn, M.E. Van Steenberg, H.W. Moos, W.P. Blair, AIP Conference Proceedings, 804, 314
64. Werner, K., Barnstedt, J., Kappelman, N., Becker-Roß, H., Florek, S. 2009, "HIRDES – The High-Resolution Double-Echelle Spectrograph for WSO-UV", in *Future Directions in Ultraviolet Spectroscopy*, eds. G. Sonneborn, M.E. Van Steenberg, H.W. Moos, W.P. Blair, AIP Conference Proceedings, 804, 338
65. Werner, K., Rauch, T., Kruk, J.W. 2009, "Quantitative Spectral Analysis of Evolved Low-Mass Stars", in *Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics*, eds. I. Hubeny, J.M. Stone, K. MacGregor, K. Werner, AIP Conference Proceedings, 1171, 15
66. Rauch, T., Werner, K. 2009, "NLTE Model Atmospheres for Super-Soft X-ray Sources", in *Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics*, eds. I. Hubeny, J.M. Stone, K. MacGregor, K. Werner, AIP Conference Proceedings, 1171, 85
67. Nagel, T., Hartmann, S., Rauch, T., Werner, K. 2009, "Spectral Modeling of Accretion Disks around Compact Stars", in *Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics*, eds. I. Hubeny, J.M. Stone, K. MacGregor, K. Werner, AIP Conference Proceedings, 1171, 341
68. Suleimanov, V., Rauch, T., Werner, K., Potekhin, A.Y., Poutanen, J. 2009, "Neutron Star Model Atmospheres", in *Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics*, eds. I. Hubeny, J.M. Stone, K. MacGregor, K. Werner, AIP Conference Proceedings, 1171, 343
69. Korcakova, D., Votruba, V., Kubat, J., Hadrava, P., Skoda, P., Nagel, T., Werner, K. 2009, "Radiative Transfer in Axial Symmetry", in *Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics*, eds. I. Hubeny, J.M. Stone, K. MacGregor, K. Werner, AIP Conference Proceedings, 1171, 359
70. Kusterer, D.-J., Nagel, T., Werner, K., Feldmeier, A. 2008, "Radiative transfer in CV disk winds", in *Clumping in Hot Star Winds*, eds. W.-R. Hamann, A. Feldmeier, L. Oskinova, Potsdam: Universitätsverlag, URN: <http://nbn-resolving.de/urn:nbn:de:kobv:517-opus-13981>, p. 246
71. Werner, K., Rauch, T., Reiff, E., Kruk, J.W. 2008, "Elemental Abundances in PG1159 Stars", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 109
72. Reiff, E., Werner, K., Rauch, T., Koesterke, L., Kruk, J.W. 2008, "FUSE Spectroscopy of Cool PG1159 Stars", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 121
73. Ziegler, M., Rauch, T., Reiff, E., Werner, K., Kruk, J.W. 2008, "UV and FUV spectroscopy of the hybrid PG1159-type central star NGC 7094", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 125
74. Rauch, T., Reiff, E., Werner, K., Kruk, J.W. 2008, "O(He) Stars", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 135
75. Werner, K., Rauch, T., Kruk, J.W. 2008, "KPD0005+5106: Hottest DO White Dwarf Much Hotter Than Assumed", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 239
76. Nagel, T., Kusterer, D.-J., Rauch, T., Werner, K. 2008, "Metal abundances in accretion discs of AM CVn binaries", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 281
77. Kusterer, D.-J., Nagel, T., Werner, K. 2008, "Accretion Disk Wind in AM CVn Binaries – a Monte Carlo Approach", in *Hydrogen-Deficient Stars*, eds. K. Werner, T. Rauch, ASP Conference Series, 391, 285
78. Fleig, J., Rauch, T., Werner, K., Kruk, J.W. 2008, "FUV Spectroscopy of the sdOB Primary of the Eclipsing Binary System AA Dor", in *Hot Subdwarfs and Related Objects*, eds. U. Heber, H. Drechsel, ASP Conference Series, 392, 379
79. Rauch, T., Werner, K., Ziegler, M., Koesterke, L., Kruk, J.W. 2008, "Non-LTE spectral analysis of extremely hot post-AGB stars: constraints for evolutionary theory", in *IAU Coll. 252: The Art of Modeling Stars in the 21st century*, eds. L. Deng, K.L. Chan, C. Chiosi, Cambridge University Press, p. 223
80. Werner, K., Barnstedt, J., Kappelman, N., Kley, W., Tomczyk, H., Wende, H., Keller, H.U., Mall, U., Becker-Ross, H., Florek, S., Hoffmann, H., Mottola, S., Kampf, D., Staton, G. 2008, "USMI – Ultraviolet Spectral Mapping Instrument for the German Lunar Exploration Orbiter (LEO)", LPI Contribution No. 1439., p. 63
81. Rauch, T., Ziegler, M., Werner, K., Kruk, J.W. 2007, "HST and FUSE Spectroscopy of the DAO-type central star LSV+4621", in *15th European Workshop on White Dwarfs*, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 191
82. Ziegler, M., Rauch, T., Werner, K., Kruk, J.W., Oliveira, C. 2007, "FUSE spectroscopy of the DAO-type central star LSV+4621: Looking for the Photosphere in the Sea of Interstellar Absorption", in *15th European Workshop on White Dwarfs*, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 197
83. Suleimanov, V., Madej, J., Drake, J.J., Rauch, T., Werner, K. 2007, "Soft X-ray Spectra of Hot DA White Dwarfs with Compton Scattering", in *15th European Workshop on White Dwarfs*, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 217
84. Werner, K., Drake, J.J., Rauch, T., Schuh, S., Gautschy, A. 2007, "Soft X-ray Spectroscopy of the Hot White Dwarf LB1919 and the PG1159 Star PG1520+525", in *15th European Workshop on White Dwarfs*, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 225
85. Jahn, D., Reiff, E., Rauch, T., Werner, K., Kruk, J.W., Herwig, F. 2007, "Analysis of High-Resolution Ultraviolet Spectra of PG1159–035 taken with HST and FUSE", in *15th European Workshop on White Dwarfs*, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 231

86. Reiff, E., Jahn, D., Rauch, T., Werner, K., Herwig, F., Kruk, J.W. 2007, "Abundances of Trace Elements in PG1159 Stars", in 15th European Workshop on White Dwarfs, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 237
87. Hügelmeyer, S., Dreizler, S., Werner, K., Krzesinski, J., Nitta, A., Kleinman, S.J. 2007, "Observational constraints on the evolutionary connection between PG1159 stars and DO white dwarfs", in 15th European Workshop on White Dwarfs, eds. R. Napiwotzki, M.R. Burleigh, ASP Conference Series, 372, 249
88. 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
89. Rauch, T., Werner, K. 2006, "AA Dor – An eclipsing post common-envelope binary", in Astrophysics in the Far Ultraviolet, eds. G. Sonneborn, H.W. Moos, B.-G. Andersson, ASP Conference Series, 348, 233
90. Werner, K., Rauch, T., Kruk, J.W. 2006, "Insight into AGB and post-AGB stellar evolution with FUSE", in Astrophysics in the Far Ultraviolet, eds. G. Sonneborn, H.W. Moos, B.-G. Andersson, ASP Conference Series, 348, 191
91. Rauch, T., Reiff, E., Werner, K., Herwig, F., Koesterke, L., Kruk, J.W. 2006, "On the evolutionary status of extremely hot helium stars – are O(He) stars successors of RCrB stars?", in Astrophysics in the Far Ultraviolet, eds. G. Sonneborn, H.W. Moos, B.-G. Andersson, ASP Conference Series, 348, 194
92. Reiff, E., Jahn, D., Rauch, T., Werner, K., Kruk, J.W., Herwig, F. 2006, "NLTE Spectral Analysis of GW Vir Pulsators", in Astrophysics of Variable Stars, eds. C. Sterken, C. Aerts, ASP Conference Series, 349, 323
93. Werner, K., Jahn, D., Rauch, T., Reiff, E., Herwig, F., Kruk, J.W. 2006, "Element abundances of bare planetary nebula central stars and the shell burning in AGB stars", in Astrophysics and Nuclear Structure, electronic proceedings, <http://theory.gsi.de/hirschegg/2006/Proceedings/>
94. Werner, K., Jahn, D., Rauch, T., Reiff, E., Herwig, F., Kruk, J.W. 2006, "AGB star intershell abundances inferred from analyses of extremely hot H-deficient post-AGB stars", in VIII Torino workshop on nucleosynthesis in AGB stars, eds. C. Abia, I. Dominguez, Mem. S.A.It., 77, 996
95. Suleimanov, V., Werner, K. 2006, "Importance of Compton scattering for radiation spectra of isolated neutron stars", Proc. of the 363. WE-Heraeus Seminar on: Neutron Stars and Pulsars, eds. W.Becker, H.H.Huang, MPE Report 291, 173
96. Kappelman, N., Barnstedt, J., Gringel, W., Werner, K., Becker-Ross, H., Florek, S., Graue, R., Kampf, D., Reutlinger, A., Neumann, C., Shustov, B., Sachkov, M., Panchuk, V., Yushkin, M., Moiseev, A., Skripunov, E. 2006, "HIRDES UV spectrographs", Proc. SPIE, 6266, 62660X
97. Herwig, F., Freytag, B., Werner, K. 2006, "The Evolution of Central Stars of Planetary Nebulae", in Proc. IAU Symp. 234: Planetary Nebulae in our Galaxy and Beyond, eds. M.J. Barlow, R.H. Mendez, ASP, p. 103
98. Reiff, E., Jahn, D., Rauch, T., Werner, K., Herwig, F., Kruk, J.W. 2006, "Light Metals in PG1159 Central Stars", in Proc. IAU Symp. 234: Planetary Nebulae in our Galaxy and Beyond, eds. M.J. Barlow, R.H. Mendez, ASP, p. 489
99. Nagel, T., Hammer, N.J., Rauch, T., Werner, K., Dreizler, S. 2005, "NLTE spectral analysis of accretion discs in ultracompact X-ray binaries", in The Astrophysics of Cataclysmic Variables and Related Objects, eds. J.-M. Hameury, J.-P. Lasota, ASP Conference Series, 330, 73
100. Hammer, N.J., Kusterer, D.-J., Nagel, T., Rauch, T., Werner, K., Dreizler, S. 2005, "Modelling C/O/Ne dominated accretion discs in ultra-compact X-ray binaries", in The Astrophysics of Cataclysmic Variables and Related Objects, eds. J.-M. Hameury, J.-P. Lasota, ASP Conference Series, 330, 333
101. Kellermann, T., Nagel, T., Hammer, N.J., Werner, K. 2005, "Accretion disc models in quiescence and outburst", in The Astrophysics of Cataclysmic Variables and Related Objects, eds. J.-M. Hameury, J.-P. Lasota, ASP Conference Series, 330, 391
102. Werner, K., Drake, J.J. 2005, "Turning cool star X-ray spectra upside down", in Cool Stars, Stellar Systems and the Sun, eds. F. Favata, G.A.J. Hussain, B. Battrick, ESA Publication Division, ESA-SP, 560, 73
103. Werner, K., Rauch, T., Napiwotzki, R., Christlieb, N., Reimers, D., Karl, C.A. 2005, "Identification of a DO white dwarf and a PG1159 star in the ESO SN-Ia progenitor survey (SPY)", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 221
104. Werner, K., Drake, J.J. 2005, "Depositing the Cool Corona of KPD0005+5106", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 229
105. Werner, K., Hammer, N.J., Nagel, T., Rauch, T., Dreizler, S. 2005, "On Possible Oxygen/Neon White Dwarfs: H1504+65 and the White Dwarf Donors in Ultracompact X-ray Binaries", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 165
106. Nagel, T., Werner, K. 2005, "Detection of non-radial g-mode pulsations in the newly discovered PG1159 star HE1429–1209", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 647
107. Reiff, E., Rauch, T., Werner, K., Kruk, J.W. 2005, "FUSE spectroscopy of PG1159 stars", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 225
108. Hoffmann, A.I.D., Traulsen, I., Werner, K., Rauch, T., Dreizler, S., Kruk, J.W. 2005, "Iron abundance in hydrogen-rich central stars of planetary nebulae", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 321
109. Traulsen, I., Hoffmann, A.I.D., Werner, K., Rauch, T., Dreizler, S., Kruk, J.W. 2005, "HST and FUSE spectroscopy of hydrogen-rich central stars of planetary nebulae", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 325
110. Stahn, T., Dreizler, S., Werner, K. 2005, "The Spectral variability of pulsating stars: PG1159-035", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 545
111. Dreizler, S., Werner, K., Stahn, T. 2005, "Investigation of the spectral variability of PG1159-035", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 512
112. Jordan, S., Werner, K., O'Toole, S.J. 2005, "Discovery of magnetic fields in central stars of planetary nebulae", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 257
113. Hügelmeyer, S.D., Dreizler, S., Werner, K., Nitta, A., Kleinman, S.J., Krzesinski, J. 2005, "Spectral analyses of DO white dwarfs and PG1159 stars from the Sloan Digital Sky Survey", in 14th European Workshop on White Dwarfs, eds. D. Koester, S. Moehler, ASP Conference Series, 334, 233

114. Rauch, T., Werner, K., Orio, M. 2005, "Analysis of a XMM-Newton Spectrum of the Extremely Hot White Dwarf in Nova V4743 Sgr", in *X-ray Diagnostics for Astrophysical Plasmas*, ed. R. Smith, American Institute of Physics Conference Proceedings, 774, 361
115. Klews, M., Werner, K., Wunner, G. 2005, "Atomic Data for the Atmospheres of Strongly Magnetized Neutron Stars", in *X-ray Diagnostics for Astrophysical Plasmas*, ed. R. Smith, American Institute of Physics Conference Proceedings, 774, 287
116. Werner, K., Drake, J.J. 2005, "Turning cool star X-ray spectra upside down", in *X-ray Diagnostics for Astrophysical Plasmas*, ed. R. Smith, American Institute of Physics Conference Proceedings, 774, 345
117. Werner, K., Hoffmann, A.I.D., Jahn, D., Rauch, T., Reiff, E., Traulsen, I., Kruk, J.W., Dreizler, S. 2005, "Light and heavy metal abundances in hot central stars of planetary nebulae", in *Planetary Nebulae as Astronomical Tools*, ed. R. Szczerba, G. Stasińska, and S. K. Górný, AIP Conference Proceedings 804, (Melville: New York), p. 129
118. Rauch, T., Werner, K., Ercolano, B., Köppen, J. 2005, "On the velocity field and the 3D structure of the galactic soccer ball Abell 43", in *Planetary Nebulae as Astronomical Tools*, ed. R. Szczerba, G. Stasińska, and S. K. Górný, AIP Conference Proceedings 804, (Melville: New York), p. 99
119. Rauch, T., Kerber, F., Furlan, E., Werner, K. 2004, "NLTE Spectral Analysis of Central Stars of PN Interacting with the ISM", in *Asymmetrical planetary nebulae III*, eds. M. Meixner, J.H. Kastner, B. Balick, N. Soker, ASP Conference Series, 313, 296
120. Koesterke, L., Werner, K., Lanz, T., Kruk, J.W. 2004, "NLTE analysis of FUSE and HST spectra of the central star of NGC 1535", in *Asymmetrical planetary nebulae III*, eds. M. Meixner, J.H. Kastner, B. Balick, N. Soker, ASP Conference Series, 313, 123
121. Ercolano, B., Barlow, M.J., Storey, P.J., Liu, X.-W., Rauch, T., Werner, K. 2004, "Three-Dimensional Photoionization Modelling of the Hydrogen-Deficient Knots in the Planetary Nebula Abell 30", in *Asymmetrical planetary nebulae III*, eds. M. Meixner, J.H. Kastner, B. Balick, N. Soker, ASP Conference Series, 313, 276
122. Werner, K., Nagel, T., Dreizler, S., Rauch, T. 2004, "Modeling O-Ne Accretion Disks in Ultracompact Binaries", in *IAU Coll. 194: Compact Binaries in the Galaxy and Beyond*, eds. G. Tovmassian, E. Sion, RevMexAA Conference Series, 20, 146
123. Nagel, T., Dreizler, S., Rauch, T., Werner, K. 2004, "Modeling He-Rich Disks in AM CVn Binaries", in *IAU Coll. 194: Compact Binaries in the Galaxy and Beyond*, eds. G. Tovmassian, E. Sion, RevMexAA Conference Series, 20, 228
124. Rauch, T., Köper, S., Dreizler, S., Werner, K., Heber, U., Reid, I.N. 2004, "The rotational velocity of helium-rich pre-white dwarfs", in *IAU Symp. 215: Stellar Rotation*, eds. A. Maeder, P. Eenens, Astronomical Society of the Pacific, 573
125. Rauch, T., Werner, K. 2004, "The Enigma of AA Dor", in *IAU Symp. 215: Stellar Rotation*, eds. A. Maeder, P. Eenens, Astronomical Society of the Pacific, 575
126. Deetjen, J.L., Dreizler, S., Jordan, S., Werner, K. 2003, "Transfer of polarized radiation – practical experience with the accelerated lambda iteration method", in *Stellar Atmosphere Modeling*, eds. I. Hubeny, D. Mihalas, K. Werner, ASP Conference Series, 288, 617
127. Nagel, T., Dreizler, S., Werner, K. 2003, "Calculating vertical structures and spectra of accretion disks with the new code AcDc", in *Stellar Atmosphere Modeling*, eds. I. Hubeny, D. Mihalas, K. Werner, ASP Conference Series, 288, 641
128. Werner, K., Deetjen, J.L., Dreizler, S., Nagel, T., Rauch, T., Schuh, S.L. 2003, "Photospheres with Accelerated Lambda Iteration", in *Stellar Atmosphere Modeling*, eds. I. Hubeny, D. Mihalas, K. Werner, ASP Conference Series, 288, 31
129. Werner, K., Deetjen, J.L., Dreizler, S., Rauch, T., Barstow, M.A., Kruk, J.W. 2003, "Metal abundances in PG1159 stars from Chandra and FUSE spectroscopy", in *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, R. Kalytis, NATO Science Series II, Kluwer, 105, 117
130. Werner, K., Dreizler, S., Kruk, J.W., Sitko, M.L. 2003, "FUSE Spectroscopy of the Two Prototype White Dwarfs With Signatures of a Super-hot Wind", in *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, R. Kalytis, NATO Science Series II, Kluwer, 105, 171
131. Hammer, N.J., Deetjen, J.L., Dreizler, S., Werner, K., Kruk, J.W. 2003, "Analysis of FUSE and IUE spectra of the sdOB star EC11481-2303", in *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, R. Kalytis, NATO Science Series II, Kluwer, 105, 103
132. Dreizler, S., Werner, K., Kruk, J.W. 2003, "FUSE spectra of DO white dwarfs", in *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, R. Kalytis, NATO Science Series II, Kluwer, 105, 135
133. Nagel, T., Dreizler, S., Werner, K. 2003, "Accretion disk models for Cataclysmic Variables", in *White Dwarfs*, eds. D. de Martino, R. Silvotti, J.-E. Solheim, R. Kalytis, NATO Science Series II, Kluwer, 105, 357
134. Barstow, M.A., Binette, L., Brosch, N., Cheng, F.-Z., Dennefeld, M., Gomez de Castro, A.I., Haubold, H., van der Hucht, K.A., Kappelman, N., Martinez, P., Moiseev, A., Ribak, E.N., Sahade, J., Shustov, B., Solheim, J.-E., Wamsteker, W., Werner, K., Becker-Ross, H., Florek, S. 2003, "The WSO, a world-class observatory for the ultraviolet", *Proc. SPIE*, 4854, 364
135. Herwig, F., Lugaro, M., Werner, K. 2003, "Fe-deficiency in H-deficient post-AGB stars due to n-capture nucleosynthesis" in *IAU Symp. 209: Planetary Nebulae: Their Evolution and Role in the Universe*, eds. S. Kwok, M. Dopita, R. Sutherland, Astronomical Society of the Pacific, p. 85
136. Werner, K., Dreizler, S., Koesterke, L., Kruk, J.W. 2003, "FUSE observations of the central star of Abell 78", in *IAU Symp. 209: Planetary Nebulae: Their Evolution and Role in the Universe*, eds. S. Kwok, M. Dopita, R. Sutherland, Astronomical Society of the Pacific, p. 239
137. Werner, K., Deetjen, J.L., Dreizler, S., Rauch, T., Kruk, J.W. 2003, "Temperature Scale and Iron Abundances of Very Hot Central Stars of Planetary Nebulae", in *IAU Symp. 209: Planetary Nebulae: Their Evolution and Role in the Universe*, eds. S. Kwok, M. Dopita, R. Sutherland, Astronomical Society of the Pacific, p. 169
138. Kowalski, M.P., Cruddace, R.G., Wood, K.S., Yentis, D.J., Wolff, M.T., Laming, J.M., Gursky, H., Carruthers, G.R., Barbee, T.W., Jr., Kordas, J.F., Mauche, C.W., Fritz, G.G., Varlese, S.J., Barstow, M.A., Fraser, G., Siegmund, O.H.W., Welsh, B.Y., Brickhouse, N.S., Dupree, A.K., Brown, A., Bruhweiler, F.C., Cameron, A.C., Holberg, J.B., Howell, S.B., Jordan, C., Linsky, J.L., Matthews, S.A., Sion, E.M., Werner, K. 2003, "Proposed mission concept for the Astrophysical Plasmadynamic Explorer (APEX): an EUV high-resolution spectroscopic SMEX", in *UV/EUV and Visible Space Instrumentation for Astronomy II*, ed. O.H.W. Siegmund, *Proc. SPIE*, 5164, 1
139. Werner, K. 2003, "NLTE Radiative Transfer and Model Atmospheres of Hot Stars", in *IAU Symp. 210: Modelling of Stellar Atmospheres*, eds. N. Piskunov, W.W. Weiss, D.F. Gray, Astronomical Society of the Pacific, p. 81
140. Werner, K., Deetjen, J.L., Dreizler, S., Nagel, T., Rauch, T. 2003, "Stellar Atmosphere and Accretion Disk Models for the Hot Component in Symbiotic Stars", in *Symbiotic stars probing stellar evolution*, eds. R.L.M. Corradi, J. Mikolajewska, T.J. Mahoney, ASP Conference Series, 303, 303

141. Nagel, T., Dreizler, S., Werner, K. 2003, "Vertical structures and spectra of accretion disks in Symbiotic Stars", in *Symbiotic stars probing stellar evolution*, eds. R.L.M. Corradi, J. Mikolajewska, T.J. Mahoney, ASP Conference Series, 303, 482
142. Werner, K., Nagel, T., Dreizler, S., Rauch, T. 2003, "Modeling of O/Ne-Dominated Accretion Disks in Ultracompact Binaries", in *KITP Workshop: The Physics of Ultracompact Stellar Binaries (Feb 1-2, 2003)*, Coordinators: L. Bildsten, D. Chakrabarty, G. Nelemans, electronic proceedings, http://online.kitp.ucsb.edu/online/ultra_c03/
143. Nagel, T., Dreizler, S., Werner, K. 2002, "AcDc – A new code to calculate vertical structures and spectra of accretion disks", in *The Physics of Cataclysmic Variables and Related Objects*, eds. B.T. Gänsicke, K. Beuermann, K. Reinsch, ASP Conference Series, 261, 509
144. Werner, K., Rauch, T., Barstow, M.A., Kruk, J.W. 2002, "H1504+65 – The Naked Stellar C/O Core of a Former Red Giant Observed with FUSE and Chandra", in *IAU Coll. 187: Exotic Stars as Challenges to Evolution*, eds. C.A. Tout, W. Van Hamme, ASP Conference Series, 279, 201
145. Köper, S., Rauch, T., Dreizler, S., Werner, K., Heber, U., Reid, I.N.: 2001, "High resolution Keck and NTT spectroscopy of PG 1159 stars", in *White Dwarfs*, eds. J.L. Provencal, H.L. Shipman, J. MacDonald, S. Goodchild, ASP Conference Series, 226, 65
146. Miksa, S., Deetjen, J.L., Dreizler, S., Herwig, F., Kruk, J., Rauch, T., Werner, K. 2001, "FUSE observation of the PG 1159 type central star of K 1-16", in *White Dwarfs*, eds. J.L. Provencal, H.L. Shipman, J. MacDonald, S. Goodchild, ASP Conference Series, 226, 60
147. Nagel, T., Dreizler, S., Werner, K. 2001, "Sphericity effects in metal line blanketed NLTE model atmospheres", in *White Dwarfs*, eds. J.L. Provencal, H.L. Shipman, J. MacDonald, S. Goodchild, ASP Conference Series, 226, 86
148. Werner, K., Deetjen, J.L., Rauch, T., Wolff, B. 2001, "Hot DO white dwarfs: The EUVE spectrum of RE0503-289 and FUSE observations of HS0713+3958", in *White Dwarfs*, eds. J.L. Provencal, H.L. Shipman, J. MacDonald, S. Goodchild, ASP Conference Series, 226, 55
149. Heber, U., Reid, I.N., Werner, K.: 2001, "Spectral analysis of four multi mode pulsating sdB stars" in *White Dwarfs*, eds. J.L. Provencal, H.L. Shipman, J. MacDonald, S. Goodchild, ASP Conference Series, 226, 171
150. Werner, K., Rauch, T. 2001, "Identification of the 4486, 4504Å emission lines in O-type spectra", in *Eta Carinae and Other Mysterious Stars*, eds. T. Gull, S. Johansson, K. Davidson, ASP Conference Series, 242, 229
151. Rauch, T., Deetjen, J.L., Dreizler, S., Werner, K. 2000, "NLTE model atmospheres for extremely hot compact stars", in *IAU Symp. 195: Highly energetic physical processes and mechanisms for emission from astrophysical plasmas*, eds. P.C.H. Martens, S. Tsuruta, Astronomical Society of the Pacific, p. 423
152. Rauch, T., Deetjen, J.L., Dreizler, S., Werner, K. 2000, "NLTE model atmospheres for central stars of planetary nebulae", in *Asymmetrical planetary nebulae II: From origins to microstructures*, eds. J.H. Kastner, N. Soker, S. Rappaport, ASP Conference Series, 199, 337
153. Werner, K., Deetjen, J.L. 2000, "Non-LTE effects in neutron star atmospheres", in *IAU Coll. 177: Pulsar Astronomy – 2000 and beyond*, eds. M. Kramer, N. Wex, R. Wielebinski, ASP Conference Series, 202, 623
154. Kappelman, N., Becker-Ross, H., Florek, S., Boyarchuk, A.A., Shustov, B., Grewing, M., Steshenko, N.V., Tanzi, E.G., Barnstedt, J., Krämer, G., Werner, K. 1999, "The Spectrum UV Project and the High Resolution Double Echelle Spectrograph", in *Ultraviolet-Optical Space Astronomy Beyond HST*, eds. J.A. Morse, J.M. Shull, A.L. Kinney, ASP Conference Series, 164, 223
155. Werner, K., Dreizler, S., Rauch, T., Koesterke, L., Heber, U. 1999, "Born-again AGB stars: Starting point of the H-deficient post-AGB evolutionary sequence?", in *IAU Symp. 191: Asymptotic Giant Branch Stars*, eds. T. Le Bertre, A. Lebre, C. Waelkens, Astronomical Society of the Pacific, p. 493
156. Werner, K., Dreizler, S., Rauch, T., Barnstedt, J., Gözl, M., Gringel, W., Kappelman, N., Krämer, G., Widmann, H., Koesterke, L., Haas, S., Heber, U., Appenzeller, I., Grewing, M. 1999, "FUV spectroscopy of DO and PG 1159 stars with ORFEUS", in *White Dwarfs*, eds. J.-E. Solheim, E. Meištas, ASP Conference Series, 169, 511
157. Deetjen, J.L., Dreizler, S., Rauch, T., Werner, K. 1999, "Iron and nickel abundances in hot hydrogen-rich central stars of planetary nebulae", in *White Dwarfs*, eds. J.-E. Solheim, E. Meištas, ASP Conference Series, 169, 475
158. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1998, "On the red edge of the GW Vir instability strip", in *A Half Century of Stellar Pulsation Interpretations: A Tribute to Arthur N. Cox*, eds. P.A. Bradley, J.A. Guzik, ASP Conference Series, 135, 130
159. Werner, K., Dreizler, S., Haas, S., Heber, U. 1998, "Iron and nickel abundances in DA white dwarfs and sdO stars", in *Ultraviolet Astrophysics, Beyond the IUE Final Archive*, eds. R. González-Riestra, W. Wamsteker, R.A. Harris, ESA Publication Division, ESA-SP 413, 301
160. Kappelman, N., Barnstedt, J., Becker-Roß, H., Florek, S., Grewing, M., Krämer, G., Schönberner, D., Werner, K. 1998, "A high resolution spectrograph for the wavelength region 110–350 nm", in *Ultraviolet Astrophysics, Beyond the IUE Final Archive*, eds. R. González-Riestra, W. Wamsteker, R.A. Harris, ESA Publication Division, ESA-SP 413, 831
161. Gözl, M., Kappelman, N., Appenzeller, I., Barnstedt, J., Fromm, A., Grewing, M., Gringel, W., Haas, C., Hopfensitz, W., Krämer, G., Krautter, J., Mandel, H., Werner, K., Widmann, H. 1998, "D/H-Ratio: Observations with ORFEUS II", in *IAU Coll. 166: The Local Bubble and Beyond*, eds. D. Breitschwerdt, M.J. Freyberg, J. Trümper, Lecture Notes in Physics 506, Springer, Berlin, p. 75
162. Werner, K. 1998, "Stellar Atmospheres", in *Stellar Evolution, Stellar Explosions and Galactic Chemical Evolution, Second Oak Ridge Symposium on Atomic & Nuclear Astrophysics*, ed. A. Mezzacappa, IOP Publishing, p. 395
163. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1997, "On the fate of born-again red giants", in *Advances in Stellar Evolution*, eds. R.T. Rood, A. Renzini, Cambridge University Press, p. 163
164. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1997, "New Results on PG 1159 Stars and ultrahigh-excitation DO White Dwarfs", in *White Dwarfs*, eds. J. Isern, M. Hernanz, E. Garcia-Berro, Kluwer, Dordrecht, p. 207
165. Dreizler, S., Werner, K. 1997, "Non-LTE analysis of DO white dwarfs", in *White Dwarfs*, eds. J. Isern, M. Hernanz, E. Garcia-Berro, Kluwer, Dordrecht, p. 213
166. Rauch, T., Dreizler, S., Werner, K. 1997, "New spectral analyses of pre-white dwarfs", in *White Dwarfs*, eds. J. Isern, M. Hernanz, E. Garcia-Berro, Kluwer, Dordrecht, p. 221
167. Werner, K., Dreizler, S., Heber, U., Kappelman, N., Kruk, J., Rauch, T., Wolff, B. 1997, "UV spectroscopy of hot compact stars", ed. R.E. Schielicke, Astronomische Gesellschaft, *Reviews in Modern Astronomy*, 10, 219
168. Dreizler, S., Werner, K., Rauch, T., Heber, U., Reid, I.N., Koesterke, L. 1997, "NLTE analyses of PG 1159 stars: Constraints for the structure and evolution of post-AGB stars", in *IAU Symp. 189: Fundamental Stellar Properties: The Interaction between Observation and Theory*, eds. T.R. Bedding, A.J. Booth, J. Davies, Kluwer, Dordrecht, p. 369

169. Dreizler, S., Werner, K., Heber, U. 1997, "Analysis of "hydrogen rich" PG 1159 central stars of planetary nebulae", in IAU Symp. 180: Planetary Nebulae, eds. H.J. Habing, H.J.G.L.M. Lamers, Kluwer, Dordrecht, p. 103
170. Rauch, T., Köppen, J., Napiwotzki, R., Werner, K. 1997, "NLTE Analysis of central stars of highly excited planetary nebulae", in IAU Symp. 180: Planetary Nebulae, eds. H.J. Habing, H.J.G.L.M. Lamers, Kluwer, Dordrecht, p. 132
171. Werner, K., Bagschik, K., Rauch, T., Napiwotzki, R. 1997, "A Search for Planetary Nebulae around Hot White Dwarfs", in IAU Symp. 180: Planetary Nebulae, eds. H.J. Habing, H.J.G.L.M. Lamers, Kluwer, Dordrecht, p. 393
172. Saurer, W., Werner, K., Weinberger, R. 1997, "Spectroscopy of the central stars of three old planetary nebulae", in IAU Symp. 180: Planetary Nebulae, eds. H.J. Habing, H.J.G.L.M. Lamers, Kluwer, Dordrecht, p. 133
173. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1997, "Spectral analyses of PG 1159 stars with line blanketed Non-LTE model atmospheres", in The Third Conference on Faint Blue Stars, eds. A.G.D. Philip, J. Liebert, R.A. Saffer, L. Davis Press, Schenectady, NY, p. 227
174. Rauch, T., Werner, K. 1997, "NLTE analysis of the UV spectra of the PG 1159 central stars of the planetary nebulae NGC 246 and RXJ 2117+3412", in The Third Conference on Faint Blue Stars, eds. A.G.D. Philip, J. Liebert, R.A. Saffer, L. Davis Press, Schenectady, NY, p. 217
175. Dreizler, S., Werner, K., Heber, U., Reid, N. 1997, "DO white dwarfs", in The Third Conference on Faint Blue Stars, eds. A.G.D. Philip, J. Liebert, R.A. Saffer, L. Davis Press, Schenectady, NY, p. 303
176. Haas, S., Heber, U., Dreizler, S., Werner, K. 1997, "Abundance patterns of iron and nickel in sdO stellar atmospheres", in The Third Conference on Faint Blue Stars, eds. A.G.D. Philip, J. Liebert, R.A. Saffer, L. Davis Press, Schenectady, NY, p. 177
177. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1996, "Confining the Edges of the GW Vir Instability Strip", in IAU Coll. 152: Astrophysics in the Extreme Ultraviolet, eds. S. Bowyer, R.F. Malina, Kluwer, Dordrecht, p. 229
178. Werner, K. 1996, "Solution of the Balmer Line Problem", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 265
179. Dreizler, S., Werner, K. 1996, "Spectral analysis of hot helium-rich white dwarfs", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 281
180. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1996, "PG 1159 stars", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 267
181. Kruk, J.W., Werner, K. 1996, "Observations of PG 1159 stars with the Hopkins Ultraviolet Telescope", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 319
182. Köppen, J., Rauch, T., Werner, K. 1996, "The planetary nebulae K 1-27 and LoTr 4 and their central stars", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 205
183. Heber, U., Dreizler, S., Werner, K., Engels, D., Hagen, H.-J. 1996, "Helium-rich stars from the HS, PG and KPD surveys", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 241
184. Jeffery, C.S., Heber, U., Hill, P.W., Dreizler, S., Drilling, J.S., Lawson, W.A., Leuenhagen, U., Werner, K. 1996: "A catalog of H-deficient stars", in Hydrogen-Deficient Stars, eds. U. Heber, C.S. Jeffery, ASP Conference Series, 96, 471
185. Werner, K. 1996, "X-ray emission from hot hydrogen-deficient white dwarfs", in Röntgenstrahlung from the Universe", eds. H.U. Zimmermann, J.E. Trümper, H. Yorke, MPE Report, 263, 205
186. Werner, K., Wolff, B., Pakull, M., Cowley, A.P., Schmidtke, P.C., Hutchings, J.B., Crampton, D. 1996, "Non-LTE model atmosphere analysis of the supersoft X-ray source RX J0122.9–7521", in Supersoft X-ray Sources, ed. J. Greiner, Lecture Notes in Physics 472, Springer, Berlin, p. 131
187. Barstow, M.A., Holberg, J.B., Werner, K., Nousek, J.A. 1995, "The composition and structure of white dwarf atmospheres revealed by extreme ultraviolet spectroscopy", Adv. Space Res., 16, 373
188. Werner, K., Dreizler, S., Heber, U., Rauch, T. 1995, "Triple-alpha burning products on the surface of peculiar post-AGB stars", in Nuclei in the Cosmos III, eds. M. Busso, R. Gallino, C.M. Raiteri, New York, American Institute of Physics Conference Proceedings, 327, 45
189. Werner, K., Rauch, T., Dreizler, S., Heber, U. 1995, "Detection of ultra-hot pre-white dwarfs?", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 171
190. Dreizler, S., Werner, K., Heber, U. 1995, "PG 1159 stars and their evolutionary link to DO white dwarfs", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 160
191. Rauch, T., Werner, K. 1995, "New analyses of helium-rich pre-white dwarfs", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 186
192. Haas, S., Dreizler, S., Heber, U., Meier, T., Werner, K. 1995, "Iron and nickel abundances of sdO stars", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 243
193. Barstow, M.A., Holberg, J.B., Koester, D., Nousek, J.A., Werner, K. 1995, "Extreme Ultraviolet Spectroscopy of White Dwarfs", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 302
194. Jordan, S., Koester, D., Finley, D.S., Werner, K., Dreizler, S. 1995, "The EUVE Spectrum of the Hot DA White Dwarf PG1234+482", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 332
195. Werner, K., Dreizler, S., Wolff, B. 1995, "Analysis of the DO white dwarf PG 1034+001: Solution of the HeII 4686Å line problem", in White Dwarfs, eds. D. Koester, K. Werner, Lecture Notes in Physics 443, Springer, Berlin, p. 204
196. Werner, K., Rauch, T., Dreizler, S., Heber, U. 1995, "Confining the Edges of the GW Vir Instability Strip", in IAU Coll. 155: Astrophysical Applications of Stellar Pulsation, eds. R.S. Stobie, P.A. Whitelock, ASP Conference Series, 83, 96
197. Dreizler, S., Werner, K. 1994, "Line blanketing by iron group elements in non-LTE model atmospheres of hot stars", in Evolution of Massive Stars: A Confrontation between Theory and Observation, eds. D. Vanbeveren, W. van Rensbergen, C. de Loore, Space Science Rev., 66, 147
198. Heber, U., Dreizler, S., Werner, K. 1994, "Quantitative spectroscopy of very hot subluminescent O-stars: K 648, PG 1159–035 and KPD 0005+5106", in Hot Stars in the Galactic Halo, eds. S.J. Adelman, A.R. Upgren, C.J. Adelman, Cambridge University Press, p. 187
199. Werner, K. 1994, "Hot hydrogen-deficient post-AGB stars", in Hydrogen-deficient Stellar Systems, CCP 7 Newsletter, 21, 11
200. Heber, U., Dreizler, S., Werner, K. 1994, "Quantitative Spectroscopy of K648 – the PNN of Ps1 in the globular cluster M15", in Hydrogen-deficient Stellar Systems, CCP 7 Newsletter, 21, 1

201. Dreizler, S., Werner, K., Heber, U. 1994, "PG 1159 stars and their evolutionary link to DO white dwarfs", in *Hydrogen-deficient Stellar Systems*, CCP 7 Newsletter, 21, 15
202. Barstow, M.A., Werner, K., Sion, E.M., Holberg, J.B., Hubeny, I. 1994, "Extreme/Far UV observations of the DO white dwarf RE0503-289", in *Hydrogen-deficient Stellar Systems*, CCP 7 Newsletter, 21, 18
203. Werner, K. 1993, "Non-LTE model atmosphere analysis of PG 1159 stars and related hydrogen deficient post-AGB stars", in *Mass loss on the AGB and Beyond*, ESO Conference and Workshop Proceedings, 46, 109
204. Werner, K., Dreizler, S. 1993, "Metal line blanketed non-LTE model atmospheres for central stars of planetary nebulae", in *IAU Symp. 155: Planetary Nebulae*, Kluwer, Dordrecht, p. 83
205. Werner, K., Motch, C., Pakull, M. 1993, "A new PG 1159-type central star discovered in the ROSAT XRT all sky survey: non-LTE analysis of X-ray and optical spectra", in *IAU Symp. 155: Planetary Nebulae*, Kluwer, Dordrecht, p. 496
206. Werner, K., Hamann, W.-R., Heber, U., Napiwotzki, R., Rauch, T., Wessolowski, U. 1993, "A spectacular mass-loss event of the central star Longmore 4", in *IAU Symp. 155: Planetary Nebulae*, Kluwer, Dordrecht, p. 494
207. Werner, K. 1993, "PG 1159 stars and related hydrogen-deficient objects", in *White Dwarfs: Advances in Observation and Theory*, NATO ASI Series C, Vol. 403, Kluwer, Dordrecht, ed. M.A. Barstow, p. 67
208. Dreizler, S., Werner, K. 1993, "Metal line blanketed NLTE model atmospheres", in *White Dwarfs: Advances in Observation and Theory*, NATO ASI Series C, Vol. 403, Kluwer, Dordrecht, ed. M.A. Barstow, p. 205
209. Werner, K., Heber, U. 1993, "UV spectroscopy of PG 1159-035 with HST, and a prospective view of future EUVE observations", in *White Dwarfs: Advances in Observation and Theory*, NATO ASI Series C, Vol. 403, Kluwer, Dordrecht, ed. M.A. Barstow, p. 303
210. Jordan, S., Napiwotzki, R., Werner, K., Koester, D. 1993, "A first analysis of ROSAT pointed observations of two DA white dwarfs", in *White Dwarfs: Advances in Observation and Theory*, NATO ASI Series C, Kluwer, Dordrecht, ed. M.A. Barstow, p. 177
211. Werner, K., Motch, C., Pakull, M. 1993, "Non-LTE analysis of a new pulsating PG 1159-type central star detected in the ROSAT XRT all sky survey", *Adv. Space Res.*, 13, 399
212. Barstow, M.A., Wesemael, F., Holberg, J.B., Werner, K., Buckley, D., Stobie, R., Fontaine, G., Rosen, S.R., Demers, S., Lamontagne, R., Irwin, M.J., Bergeron, P., Kepler, S.O., Vennes, S. 1993, "Two new hot white dwarfs in a region of exceptionally low HI density", *Adv. Space Res.*, 13, 281
213. Werner, K., Dreizler, S. 1993, "Metal line blanketed non-LTE model atmospheres for Planetary Nebula Nuclei", *Acta Astronomica*, 43, 321
214. Heber, U., Dreizler, S., Werner, K. 1993, "Quantitative Spectroscopy of K648 - the PNN of Ps1 in the globular cluster M15", *Acta Astronomica*, 43, 337
215. Werner, K., Heber, U. 1992, "Optical observations of the ultrahigh-excitation pre-white dwarf KPD 0005+5106", in *Atmospheres of Early-Type Stars*, eds. U. Heber, C.S. Jeffery, *Lecture Notes in Physics 401*, Springer, Berlin, p. 291
216. Werner, K., Koesterke, L. 1992, "NLTE analysis of the hydrogen-deficient central star of the planetary nebula Abell 78", in *Atmospheres of Early-Type Stars*, eds. U. Heber, C.S. Jeffery, *Lecture Notes in Physics 401*, Springer, Berlin, p. 288
217. Dreizler, S., Werner, K. 1992, "Iron line blanketing in NLTE model atmospheres for O stars: first results", in *Atmospheres of Early-Type Stars*, eds. U. Heber, C.S. Jeffery, *Lecture Notes in Physics 401*, Springer, Berlin, p. 436
218. Werner, K. 1992, "Analysis of PG 1159 stars", in *Atmospheres of Early-Type Stars*, eds. U. Heber, C.S. Jeffery, *Lecture Notes in Physics 401*, Springer, Berlin, p. 273
219. Werner, K., Dreizler, S., Heber, U., Hunger, K., Rauch, T. 1991, "Non-LTE model atmospheres for hot evolved stars", in *Nordic-Baltic Astronomy Meeting*, Uppsala University, p. 379
220. Werner, K., Heber, U. 1991, "Spectral diagnostics of hot subdwarfs: successes and problems", in *Stellar Atmospheres: Beyond Classical Models*, NATO ASI Series C, Vol. 341, eds. L. Crivellari, I. Hubeny, D.G. Hummer, Kluwer, Dordrecht, p. 341
221. Dreizler, S., Werner, K. 1991, "NLTE models with approximate lambda operators" in *Stellar Atmospheres: Beyond Classical Models*, NATO ASI Series C, Vol. 341, eds. L. Crivellari, I. Hubeny, D.G. Hummer, Kluwer, Dordrecht, p. 155
222. Rauch, T., Werner, K. 1991, "NLTE model atmospheres for hot stars" in *Stellar Atmospheres: Beyond Classical Models*, NATO ASI Series C, Vol. 341, eds. L. Crivellari, I. Hubeny, D.G. Hummer, Kluwer, Dordrecht, p. 165
223. Werner, K., Heber, U., Hunger, K. 1991, "Non-LTE Analysis of Four PG1159 stars", in *White Dwarfs*, NATO ASI Series C, Vol. 336, eds. G. Vauclair, E. Sion, Kluwer, Dordrecht, p. 219
224. Barstow, M.A., Tweedy, R.W., Werner, K. 1991, "PG1159 stars and the PNN-White Dwarf connection", in *White Dwarfs*, NATO ASI Series C, Vol. 336, eds. G. Vauclair, E. Sion, Kluwer, Dordrecht, p. 17
225. Werner, K., Heber, U., Hunger, K. 1990, "Non-LTE Analysis of Four PG1159 stars", in *Properties of Hot Luminous Stars*, ed. C.D. Garmany, *ASP Conference Series*, 7, 86
226. Werner, K., Heber, U., Hunger, K. 1989, "Non-LTE Spectral Analysis of PG1159-035", in *IAU Coll. 114: White Dwarfs*, ed. G. Wegner, Springer, Berlin, p. 194
227. Heber, U., Hunger, K., Rauch, T., Werner, K. 1988, "Improved NLTE model atmospheres for subluminescent O stars", in *IAU Symp. 132: The Impact of Very High S/N Spectroscopy on Stellar Physics*, eds. G. Cayrel de Strobel, M. Spite, Kluwer, Dordrecht, p. 117
228. Heber, U., Hunger, K., Werner, K. 1988, "NLTE-analysis and chemical composition of hot low mass stars", in *IAU Symp. 132: The Impact of Very High S/N Spectroscopy on Stellar Physics*, eds. G. Cayrel de Strobel, M. Spite, Kluwer, Dordrecht, p. 389
229. Heber, U., Werner, K., Drilling, J.S. 1987, "High resolution spectroscopy of central stars of planetary nebulae: LSS 1362", in *IAU Coll. 95: The Second Conference on Faint Blue Stars*, eds. A.G.D. Philip, D.S. Hayes, J. Liebert, L. Davis Press, Schenectady, NY, p. 595

C. Theses

- Werner, K. 1991, “Spektralanalyse einer neuen Sternklasse. PG 1159 Sterne: die heißesten bekannten Prä-Weißen-Zwerg”, Habilitationsschrift, Christian-Albrechts-Universität Kiel
- Werner, K. 1987, “Berechnung von non-LTE Modellatmosphären heißer Sterne mit Hilfe genäherter Lambda-Operatoren”, Dissertation, Christian-Albrechts-Universität Kiel
- Werner, K. 1984, “Sternatmosphären im non-LTE: Auswirkungen der Starkverbreiterung der Wasserstofflinien auf Besetzungszahlen und emergente Linienflüsse”, Diplomarbeit, Christian-Albrechts-Universität Kiel

D. Articles in books

- Dreizler, S., Werner, K., 2012, “Sternatmosphären: Atmosphärenstruktur und synthetische Spektren; Theorie der Fraunhoferlinien”, eds. H.-J. Röser, W. Tscharnuter, in: Hans-Heinrich Voigt, Abriss der Astronomie, Wiley-VCH
- Werner, K. 2010, “UV and EUV instruments”, in Landolt-Börnstein, New Series, Group VI, Volume 4A, Springer, p. 109
- Werner, K. 2008, “White Dwarfs”, in The Universe in X-Rays, eds. J.E. Trümper, G. Hasinger, Astronomy and Astrophysics Library, (Springer: Berlin), p. 133
- Werner, K. 2001, “PG 1159 Stars”, in Encyclopedia of Astronomy and Astrophysics, IOP Publishing Ltd. and Nature Publishing Group, p. 1992
- Werner, K. 1987, “Stellar atmospheres in non-LTE: model construction and line formation calculations using approximate lambda operators”, in Numerical Radiative Transfer, ed. W. Kalkofen, Cambridge University Press, p. 67

E. Edited books

- Werner, K., Rauch, T. (Editors) 2010, “17th European White Dwarf Workshop”, Proceedings of a conference held at Tübingen, Germany, August 16 – 20, 2010, American Institute of Physics Conference Proceedings, Volume 1273, Melville, New York
- Hubeny, I., Stone, J.M., MacGregor, K., Werner, K. (Editors) 2009, “Recent Directions in Astrophysical Quantitative Spectroscopy and Radiation Hydrodynamics”, Proceedings of a conference held at Boulder, CO, March 30 – April 03, 2009, American Institute of Physics Conference Proceedings, Volume 1171, Melville, New York
- Werner, K., Rauch, T. (Editors) 2008, “Hydrogen-Deficient Stars”, Proceedings of a conference held at Tübingen, Germany, Sept. 17–21 2007, The ASP Conference Series, Volume 391, Astronomical Society of the Pacific, San Francisco
- Hubeny, I., Mihalas, D., Werner, K. (Editors) 2003, “Stellar Atmosphere Modeling”, Proceedings of the conference on Stellar Atmosphere Modeling, held at Tübingen, Germany, April 8–12 2002, The ASP Conference Series, Volume 288, Astronomical Society of the Pacific, San Francisco
- Riffert, H., Werner, K. (Editors) 1999, “Computational Astrophysics”, Journal of Computational and Applied Mathematics, Volume 109, Elsevier
- Koester, D., Werner, K. (Editors) 1995, “White Dwarfs”, Proceedings of the 9th European Workshop on White Dwarfs, held at Kiel, Germany, 29 August – 1 September 1994, Lecture Notes in Physics, Volume 443, Springer, Berlin

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