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Personal data: Born 1956. Married to Dr. Carol Anne Oxborrow. Two children, 16 and 13 years old.

EDUCATION

- PhD in Astrophysics 1989 from the University of Delaware, USA.
- Master of Science in Physics 1984. University of Delaware, USA.
- Undergraduate studies at University of Copenhagen.

CAREER

- **2010:** Associate and Visiting Scientist at the Deutsche Wetterdienst.
- **1996-present:** Research Scientist at the Danish Meteorological Institute.
- **1995-1996:** Nordic Visitor at NORDITA, Copenhagen.
- **1992-1995:** Carlsberg Fellow at the Niels Bohr Institute, Copenhagen.
- **1990-1992:** NORDITA Fellow.
- **1989-1990:** Postdoctoral Research Fellow at University of Delaware.
- **Spring 1988:** Lecturer in Introductory Physics at University of Delaware.
- **1982-1988:** Research Assistant for Dr. H. L. Shipman and Teaching Assistant at University of Delaware.
- **1979-1982:** High school Teacher in Denmark while studying at University of Copenhagen.

EXPERIENCE

- **Research:**

Climate research: Studies of regional precipitation issues. Time series analysis. Statistical methods for extraction of signals. Improved regression methods. Global climate observing techniques.

1996-2004: Co-ordinator of Sun-Climate studies.

Since 2003: Principal Investigator on externally funded project to study the design of an automatic system to observe terrestrial albedo using astronomical photometric techniques.

Astrophysics: Observational astronomy. Modelling of stellar atmospheres and stellar evolution. Spectroscopic and photometric analysis of white dwarfs and hot subdwarfs (UV, optical and IR data). Population analysis of the hot subdwarfs; stellar evolution. Astrometry.

Principal Investigator on Infrared Space Observatory proposal, 1994.

Collaborator on successful Hubble Space Telescope proposal for cycle 6.

Collaborator on ESA proposal - the astrometric Roemer satellite, 1993.

Guest Observer on Extreme Ultraviolet Explorer (EUVE) satellite project: 'Metals in hot white dwarfs', 1993.

Guest observer at the Carlos Sanchés IR Telescope on Tenerife three times in 1994. At ESO/La Silla on optical and IR telescopes in May-June 1993. At the Nordic Optical Telescope on La Palma October 1993 for optical photometry. Guest observer at the NOT telescope in April 1995.

Guest Observer on the NASA/ESA International Ultraviolet Explorer satellite in observing year 13 (1989-1990).

Theoretical mathematical studies of the uses of MACSYMA for solving boundary value problems. Underwater acoustical imaging work. Both subjects with Dr. R. P. Gilbert, Mathematics Department, University of Delaware.

- **Teaching:** *PhD thesis opponent:* Selected as PhD opponent for student Cristina Rodriguez at Vigo University, Spain.

PhD Advisor: Co-advisor for Lars Peter Berg University of Copenhagen, 2003- (EU funded student), and Sune Olander Rasmussen, University of Copenhagen 2003-, Raul Jimenez (EU-funded doctoral student under the Mobility and Human Resources Program, 1994-1996) with Drs. B. Pagel and U. G. Jørgensen.

PhD thesis opponent: Opponent for PhD student Fredrick Boberg, Lund University, 2003.

MS Advisor: Co-advisor for astronomy MSc student Bard Savarajbad at Nordlysobservatoriet, Tromsø, Norway, and Anja Andersen at NBI in Copenhagen.

Lecturer: At the Copenhagen University Observatory spring 1996 I co-lectured a graduate course "Low mass stars - an astrophysical laboratory for quantum mechanics". At University of Delaware in Winter and Summer sessions 1983-1987, was responsible for planning an introductory physics course for science majors, responsible for lecturing, writing 3 tests and in charge of supervising Teaching Assistants for the courses that involved 20-30 students. Lectured Honours Physics for engineering and physics undergraduates in spring 1988.

Teaching Assistant: At University of Delaware from 1982-1983 and occasionally thereafter, in introductory science courses for non-science majors. Planned and led discussion sessions that met 3 times a week with 20-40 students.

High School teacher: In Denmark, 1979-1982, taught physics, mathematics and chemistry to classes of 30 students. At Køge and Solrød Gymnasium. I was in charge of planning and teaching 3 lessons a week, in each subject, and also in charge of designing and running the laboratory experiments in physics and chemistry.

Continuing education: In Denmark, 1979-1982, I taught physics and chemistry to 'HF' students during night classes.

- **Outreach activities, and Public Lectures:** On the experts panel of 'Mad Scientist' (<http://www.madsci.org/>) and the danish equivalent 'Spørg Naturvidenskaben' (<http://sn.formidling.dk/>). In Denmark, in the Astronomical Society and Folkeuniversitetet. On Danish radio in 'Leksikon'. Ungdommens Naturvidenskabelige Forening.
- **Consultant:** Climate consultant on new books on The Earth and The Ocean, by Dorling-Kindersley, translated from English to Danish. Astronomy consultant to the Danish National Encyclopedia. Also author of encyclopedia articles

SCIENTIFIC TRAVEL IN THE LAST 5 YEARS

- September 2010: Invited to give paper on "Statistics in Climate Science" at the Economic School in Bergen, Norway.
- July 2010: Paper at the 10th IMSC in Edinburgh, Scotland.
- April 2010: Associate and Visiting Scientist at DWD, for a project on modelling of earth-observation data.
- February 2010: Invited to talk at workshop on Statistical Methods in Climate Research, Oslo. Arranged by Peter Gottorp, et al.
- June 2008: Invited to talk at workshop on Atmospheric Variability, arranged by Stefan Brönniman, at Monte Verita, Switzerland.
- January 2008: Arranged workshop on Earthshine Science, in Lund Sweden, with support from British Embassy.
- October 2007: Gave invited seminar at Lunds Observatory 'The Terrestrial Albedo Monitor Project - From Telescopes to Climate Research'
- September 2007: Co-arranged workshop on 'Econometric methods in climate research', in Frscati, Italy, with support from the ESF.
- February 2006: Invited to give a talk on 'Econometric methods in geophysics' at the Danish Society for Theoretical Statistics.
- September 2004: Invited to University of Wales, Aberystwyth, to present Solar-Terrestrial research results.
- June 2004: To University of Leicester, UK, to discuss collaboration in CAL project.
- May 2004: To Nordic Telescope at La Palma, to test EARTHSHINE telescope.
- April 2004: gave paper "Limitations on regression analysis due to serially correlated residuals", at EGS meeting Nice. Chaired session on use of novel regression methods to improve statistics.

AWARDS AND HONOURS

- VINNOVA grant, 2007, for designing and building an automatic earthshine observing system, with Lund Observatory, Sweden.
- ESF grant, November 2006, for an Experimental Workshop to discuss statistical methods in climate reconstructions.

- OFR grant, March 2003, to study designs for EARTHSHINE telescopes.
- Danish Research Council grant, January 2003, to study designs for EARTHSHINE telescopes.
- Carlsberg Fellowship, 1992-1995.
- NORDITA Fellowship, 1990-1992.
- Danish Research Academy, 30,000 kroner (\$ 4000) May 1988.
- Carlsberg Fondet, in Denmark, 50,000 kroner (\$ 7000) March 1987.
- Tuition Scholarship from University of Delaware, 1986.
- Research Fellow, Fall semester 1986.
- Augustinus Fondet, in Denmark, 20,000 kroner in October 1985, 30,000 kroner in January 1985, and 30,000 kroner in July 1984.
- Knud Højgaard's Fond, in Denmark, 25,000 kroner October 1984.
- Annie J. Cannon Fund support several times. This fund supports astronomy students in the Mt. Cuba Observatory/University of Delaware collaboration.
- Danish Research Academy, May 1988. Carlsberg Foundation, March 1987. Augustinus Foundation 3 times in 1984 - 1985. Knud Højgaard's Foundation 1984. Annie J. Cannon Foundation several times during my studies at University of Delaware.
- Teaching Assistant support from University of Delaware, 1982-1985.

MEMBERSHIPS

- European Geophysical Union (EGU)
- American Geophysical Union (AGU)
- International Astronomical Union (IAU)

Peter Andreas Thejll

List of Publications

Published in refereed Journals.

1. "Reply," B. Christiansen, Schmith, T., and Thejll, P. (2010), *Journal of Climate* 23, pp. 2839–2844.
2. "Effect of atmospheric CO₂ and solar activity on wind regime and water column stability in the major global upwelling areas," B. Patti, C. Guisande, I. Riveiro, P. Thejll (2010), *Estuarine, Coastal and Shelf Science* 88, pp. 45-52.
3. F., Boberg, Berg, P., Thejll, P., Gutowski, W. J., and Christensen, J. H. (2009), "Improved confidence in climate change projections of precipitation further evaluated using daily statistics from ENSEMBLES models". *Climate Dynamics*, pages 166–+.
4. "Seasonal characteristics of the relationship between daily precipitation intensity and surface temperature," Berg, P., J. O. Haerter, P. Thejll, C. Piani, S. Hagemann, and J. H. Christensen (2009), *J. Geophys. Res.*, 114, D18102, doi:10.1029/2009JD012008.
5. "Analyzing and correcting for contaminating magnetic fields at the Brorfelde geomagnetic observatory due to high-voltage DC power lines", C. F. Maule, P. Thejll, A. Neska, J. Matzka, L. W. Pedersen, and A. Nilsson (2009), *Earth Planets Space* vol 61, pp.1233-1241.
6. "A Surrogate Ensemble Study of Climate Reconstruction Methods: Stochasticity and Robustness", Christiansen, B., Schmith, T., and Thejll, P. (2009). *Journal of Climate*, 22:951–+.
7. "Solar proton events and evolution of cyclones in the North Atlantic", Veretenenko, S. V. and Thejll, P. (2008). *Geomagnetism and Aeronomy/Geomagnetizm i Aeronomiia*, 48:518–528.
8. "An estimate of the impact of transient luminous events on the atmospheric temperature". Arnone, E., Berg, P., Arnold, N. F., Christiansen, B., and Thejll, P. (2008). *Advances in Geosciences*, 13:37–43.
9. "Recent Results from Studies of Electric Discharges in the Mesosphere", Neubert, T., Rycroft, M., Farges, T., Blanc, E., Chanrion, O., Arnone, E., Odzimek, A., Arnold, N., Enell, C.-F., Turunen, E., Bösinger, T., Mika, Á., Haldoupis, C., Steiner, R. J., van der Velde, O., Soula, S., Berg, P., Boberg, F., Thejll, P., Christiansen, B., Ignaccolo, M., Füllekrug, M., Verronen, P. T., Montanya, J., and Crosby, N. (2008). *Surveys in Geophysics*, pages 14–+.
10. "Improved confidence in climate change projections of precipitation evaluated using daily statistics from the PRUDENCE ensemble". Boberg, F., Berg, P., Thejll, P., Gutowski, W. J., and Christensen, J. H. (2008). *Climate Dynamics*, pages 94–+.
11. "The dynamical response of the middle atmosphere to the tropospheric solar signal", Berg, P., B. Christiansen, P. Thejll, and N. Arnold, *J. Geophys. Res.*, 112, D20122, (2007)
12. "Comment on 'A Semi-Empirical Approach to Projecting Future Sea-Level Rise'". T. Schmith, S. Johansen, and P. Thejll, *Science* 317, 1866c, 2007
13. "Cyclone Regeneration in the North Atlantic Intensified by Energetic Solar Proton Events", S. Veretenenko, and P. Thejll, *Advances in Space Research* 35, 470-475, 2005.

14. "Limitations on regression analysis due to serially correlated residuals: Application to climate reconstruction from proxies", by P. Thejll and T. Schmith, JGR 110, D18103, doi:10.1029/2005JD005895, 2005.
15. "Solar signals in tropospheric re-analysis data: comparing NCEP/NCAR and ERA40", H. Gleisner, P. Thejll, M. Stendel, E. Kaas, and B. Machenhauer, JASTP 67, 785–791 (2005).
16. "Effects of energetic Solar Proton Events on the cyclone development in the North Atlantic", Svetlana Veretenenko and Peter Thejll, 2004, Journal of Atmospheric and Solar-Terrestrial Physics 66, 393–405.
17. "Solar activity governs abundance of Atlantic Iberian sardine *Sardina pilchardus*", C. Guisande, A. Ulla and P. Thejll, 2004, Marine Ecology progress series **269**, pp. 297–301.
18. "Patterns of tropospheric response to solar variability", H. Gleisner, P. Thejll, Geophysical Research Letters, 2003, **30**, 1711, doi:10.1029/2003GL017129.
19. "On correlations between the North Atlantic Oscillation, geopotential heights, and geomagnetic activity", P. Thejll, B. Christiansen, H. Gleisner, Geophysical Research Letters, 2003, **30**, 1347, doi:10.129/2002GL016598.
20. "Variations of atmospheric pressure during solar proton events and Forbush decreases for different latitudinal and synoptic zones", A.L. Morozova, M.I. Pudovkin and P. Thejll, 2002, International Journal of Geomagnetism and Aeronomy, 3, pp. 181–189.
21. "Decadal power in land air temperatures: Is it statistically significant?", P. Thejll, Journal of Geophysical Research, 2001, vol 106, p.31693.
22. "The cause-and-effect relationship of solar cycle length and the Northern hemisphere air surface temperature", R. Reichel, P. A. Thejll, K. Lassen, 2001, JGR, 106, No. A8, pp.15635-15641.
23. "Solar forcing of the Northern hemisphere land air temperature: New data", by P. Thejll and K. Lassen, 2000, Journal of Solar-Terrestrial Physics 13, 1207-1213.
24. "Resolving subdwarf B stars in binaries by HST imaging", U. Heber, S. Moehler, R. Napiwotski, P. Thejll and E.M. Green, Astronomy and Astrophysics, 2002, vol. 383, pp. 938–951.
25. "Carbon and Hydrogen in Hot DB White Dwarfs", Provencal, J. L.; Shipman, H. L.; Thejll, P.; Vennes, S., 2000, Astrophysical Journal, 42, pp. 1041-1056
26. "Primordial Helium and $\delta Y/\delta Z$ from H II regions and from fine structure in the main sequence based on Hipparcos parallaxes", 1998, Høg, E.; Pagel, B. E. J.; Portinari, L.; Thejll, P. A.; MacDonald, J.; Girardi, L., Space Science Reviews, v. 84, Issue 1/2, p. 115-126
27. "Infrared flux excesses from hot subdwarfs II. 72 more objects", by A. Ulla, and P. Thejll, 1998, Astronomy&Astrophysics Sup. Ser., 132, 1-12
28. "Testing the white dwarf mass-radius relation with Hipparcos", Provencal, J.L., Shipman H.L., Hog E., Thejll P., 1998, Astrophysical Journal 494, 759
29. "The Mass and Radius of 40 Eridani B from HIPPARCOS: An Accurate Test of Stellar Interior Theory", Shipman, H. L.; Provencal, J. L.; Høg, Erik; Thejll, P., 1997, Astrophysical Journal, 488, 43

30. "Hot White Dwarfs in the Extreme Ultraviolet Explorer Survey. II. Mass Distribution, Space Density, and Population Age", Vennes, Stephane; Thejll, Peter A.; Galvan, Ricardo Genova; Dupuis, Jean, 1997, *Astrophysical Journal*, 480, 714
31. "Infrared observations of peculiar carbonstars", A. Ulla, P. Thejll, T. Kipper and U.G. Jørgensen, 1997, *Astronomy & Astrophysics*, 319, 244-249
32. "Proper motions of hot subdwarfs - The kinematic population membership of the sdB", P. Thejll, C. Flynn, R. Williamson and R. Saffer, 1997, *Astronomy & Astrophysics*, 317, 689-693
33. "Ages of globular clusters: a new approach", R. Jimenez, P. Thejll, U.G. Jørgensen, J. MacDonald and B. Pagel 1996, *MN* 282, 926-942
34. "Hot White dwarfs in the Extreme Ultraviolet Explorer survey. I. Properties of a Southern Hemisphere Sample", S. Vennes, P. A. Thejll, D. T. Wickramasinghe, M.S. Bessell, 1996, *ApJ* 467, 782.
35. "UV spectroscopy of the DBV GD358", by J. L. Provencal, H.L. Shipman, P. Thejll, S. Vennes, 1996, *ApJ* 466, 1011.
36. "Hot White Dwarfs in the Local Interstellar Medium: Hydrogen and Helium Interstellar Column Densities and Stellar Effective Temperatures from Extreme-Ultraviolet Explorer Spectroscopy", by Dupuis, J., Vennes, S., Bowyer, S., Pradhan, A. K., Thejll, P., 1995, *Astrophysical Journal* 455, 574.
37. "Improved Calculations of the Equilibrium Abundances of Heavy Elements Supported by Radiative Levitation in the Atmospheres of Hot DA White Dwarfs", by Chayer, P.; Vennes, S.; Pradhan, A. K.; Thejll, P.; Beauchamp, A.; Fontaine, G.; Wesemael, F., 1995, *Astrophysical Journal* 454, 429.
38. "Infrared flux excesses from hot subdwarfs", by P. Thejll, A. Ulla, and J. MacDonald, 1995, *Astronomy&Astrophysics* 303, 773-784.
39. "Stellar evolution with mass loss - comparison of numerical and semi-analytical computations", by R. Jimenez, U.G. Jørgensen, P. Thejll and J. MacDonald, 1995, *MNRAS* 275, 1245.
40. "Detecting red stellar companions to hot subdwarfs with CCD imaging", by Thejll, P.A., Theissen A., and Jimenez, R., 1994, *Astronomy&Astrophysics* 292,457.
41. "Analysis of Helium rich subdwarf O stars. I NLTE Models, methods and fits for 21 Palomar Green survey sdOs", Thejll, P.A., Bauer F., Saffer R., Liebert J., Kunze D., Shipman H, *Astrophysical Journal*, 433, 819-830, 1994.
42. "The UV radiation in metal-rich elliptical galaxies", Jørgensen, U.G. and Thejll, P.A., *Astrophysical Journal Letters*, 411, L67-L70, 1993.
43. "A new method for analyzing horizontal branch morphology and mass loss", Jørgensen, U.G., and Thejll, P.A., *Astronomy & Astrophysics*, 272, 255-267, 1993.
44. "Is the star 'BS' a member of the cluster 47 Tucanae?", Thejll, P.A., *Astronomy & Astrophysics*, 264, pp. 86-87, 1992.
45. "An Approximation scheme for the Three-dimensional Scattered Wave and its Propagating Far-Field pattern in a finite depth Ocean.", Gilbert, Xu and Thejll, P.A., *Zeitschrift für Angewandte Mathematik und Mechanik*, 72, pp.459-480, 1992.

46. "A note on the positivity of equilibrium populations in radiative transfer theory", Damgaard, P.H., Hjorth P.G., and Thejll, P.A., *Astronomy & Astrophysics*, 254, pp. 422-425, 1992.
47. "The Infrared excess of Feige 34.", Thejll, P.A., MacDonald, J., and Saffer, R., *Astronomy & Astrophysics*, 248, p. 448-452, 1991.
48. "The binary Feige 24: the mass, radius, and gravitational red-shift of the DA white dwarf", Vennes, S., Thorstensen, J., R, Thejll, P.A., and Shipman, H. L., *Astrophysical Journal Letters*, 373, p.L37-L40, 1991.
49. "A critical analysis of the UV temperature scale of the helium-dominated DB and DBV white dwarfs.", Thejll, P.A., Vennes, S., and Shipman, H.L., *Astrophysical Journal*, 370: 355-369, 1991
50. "The use of MACSYMA for solving elliptical boundary value problems." Thejll, P.A., and R.P. Gilbert, *Zeitschrift für Angewandte Mathematik und Mechanik*, 70, issue 11, pp. 479, 1990. Also appeared in Gilbert, R.P., and Thejll, P.A., *Pitman Research Notes in Mathematics Series*, no 257, 1991, pp. 203 - 216.
51. "An atmospheric analysis of the Carbon-Rich White Dwarf G35-26", Peter Thejll, P.A., Harry L. Shipman, James MacDonald and W.M. MacFarland, *Astrophysical Journal*, 361: 197-206, 1990.
52. "Butterfly statistics, Astronomical surveys, and the Discovery of new classes of Objects", Thejll, P.A., and Shipman, *Publications of the Astronomical Society of the Pacific*, 100, 398-401, 1988.
53. "Temperature, Radius and Rotational Velocity of Sirius B", Thejll, P.A. and Shipman. *Publications of the Astronomical Society of the Pacific*, Vol. 98, pp. 922- 926, October 1986.
Editor.
54. Edited, with U.G. Jørgensen, the Poster Proceedings of the IAU Colloquium 146: Molecular Opacities in the Stellar Environment. 1993. HCØ press.
Published in Proceedings, popular magazines, or posters presented.
55. Owner-Petersen, M., Andersen, T., Ardeberg, A., Thejll, P., and Gleisner, H. (2008). The Earthshine Telescope Project. In *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series*, volume 7012.
56. Thejll, P., Flynn, C., Gleisner, H., and Mattingly, A. (2008). Earthshine: not just for romantics. *Astronomy and Geophysics*, 49(3):030000-3.
57. "Influence of Energetic Solar Proton Events on the Extratropical Cyclone Development in the North Atlantic" , P. Thejll and S. Veretenenko, *Eos Trans. AGU*, 86(25), Fall Meet. Suppl., Abstract A43C-0108.
58. "Influence of solar cosmic ray bursts on the cyclones in the North Atlantic", S. Veretenenko and P. Thejll, poster presented at 18th European Cosmic Ray Symposium, 8-12 July 2002, Moscow.
59. "Natural variability of climate on the Atlantic margin of Europe over the past two millennia - a proposal for further study", O'SULLIVAN, P.E.; GLASER, R.; JACOBET, J.; JULI, R.; LEROY, S.A.G.; LOTTER, A.; LØEVLI, R.; MCGEE, E.J.; MICHAELOWA, A.; THEJLL, P.; ALCOFORADO, M.-J.; BARRIENDOS, M.; VAN DEN BOGAARD, C.; LUTERBACHER,

- J.; NORDLI, Ø.; NUNES, F.; OGILVIE, A.E.J. and PFISTER, C., 2001, In: Terra Nostra: 33-42.
60. "Moon dynamics and climate prediction", A. Ulla, J.A. Belmonte, and P. Thejll, 2000, in Proc. 1st Solar & Space Weather Euroconference, 'The Solar Cycle and Terrestrial Climate', Santa Cruz de Tenerife, Tenerife, Spain, ESA SP-463.
 61. "Hot Subdwarfs in Binaries: Evolution and Physical Parameters", A. Ulla, P. Thejll, 1997, in J.A. Docobo et al. (eds.), 'Visual Double Stars: Formation, Dynamics and Evolutionary Tracks', Kluwer, 209-212.
 62. "Primordial Helium and $\Delta Y/\Delta Z$ from H II regions and from fine structure in the main sequence based on Hipparcos parallaxes", 1997, Nordita preprint 97/70 A, to appear in 'Primordial Nuclei and their Galactic Evolution' (eds) N. Prantzos, M. Tosi & R. von Steiger, ISSI (Bern) SP. Sci. Series and Space Sci. Rev.
 63. "Testing the White Dwarf Mass Radius Relation with HIPPARCOS", Provençal, J.L., Shipman, H.L., Hoeg, E., Thejll, P., BAAS 191, 1502, 1997
 64. "Distances to White Dwarf Stars from HIPPARCOS", Provençal, J., Shipman, H., Høg, E., and Thejll, P., 1996, BAAS 189, 7901.
 65. "Late stages of Stellar Evolution", in proceedings of IAU Symposium No. 166 on "Astronomical and Astrophysical objectives of sub-milliarcsecond optical Astrometry" Høg and Seidelmann (eds.), Kluwer Academic Publishers, Dordrecht, 1995.
 66. "Hot Subdwarfs in Globular Clusters", Moehler, S., Heber, U., Saffer, R., Thejll, P., BAAS 187, 8202, 1995.
 67. "Hot subdwarfs", in proceedings of the "Hot Stars in the Halo" conference, Saul J. Adelman, Arthur R. Upgren, and Carol J. Adelman (eds.), 1994, Cambridge University Press
 68. "Evidence for Homogeneous Ionization of Helium in the Local Interstellar Medium from EUVE Spectroscopy of Hot DA Stars", Dupuis, J., Vennes, S., Bowyer, S., Pradhan, A.K., Thejll, P., BAAS 184, 2901, 1994.
 69. "Cool companions of hot subdwarfs", Thejll, P.A., Jimenez, R., Saffer, R., and Jørgensen U., in Proceedings of the "Hot stars in the Halo" conference, Saul J. Adelman, Arthur R. Upgren, and Carol J. Adelman (eds.), 1994, Cambridge University Press
 70. "Molecules in White Dwarfs", Thejll, P., in "Proceedings of Molecular Opacities in the Stellar Environment", IAU Coll. 146. Jørgensen (ed.), Springer Verlag.
 71. "Full quantum mechanical calculations for H_2^+ ", Thejll, P., Museth, K., Billing, G., and Linderberg, J., in "Poster Proceedings of Molecular Opacities in the Stellar Environment", IAU Coll. 146. Thejll and Jørgensen (eds.), University of Copenhagen Press.
 72. "Progenitors of sdB stars: Single stars?", Thejll, P.A., Jørgensen, U. G., and Flynn, C., in Proceedings of the 8th European White Dwarf Workshop, held in Leicester 1992, M. Barstow (ed.).
 73. "A non-LTE analysis of some Helium rich sdO stars from the Palomar Green survey", Thejll, P.A., Bauer, F., Saffer, R., Kunze, D., Liebert, J., Shipman, H.L. and Green, R., pp.261-263, in Proceedings of the CCP7 Workshop on Hot Atmospheres, held in Kiel FRG, September 1991.

74. "A search for trace amounts of hydrogen in DB stars", by Shipman, H., Thejll, P.A., Bhatia, S., and Liebert, J., in "White Dwarfs", the proceedings of the Seventh European White Dwarf Workshop, held in Toulouse, September 1990. pp. 229-233. G. Vauclair and E. Sion (eds).
75. "Abundances of trace heavy elements in hot DA white dwarfs", Vennes, S., Thejll, P., and Shipman, H., in "White Dwarfs", the proceedings of the Seventh European White Dwarf Workshop, held in Toulouse, September 1990. pp. 235-247, G. Vauclair and E. Sion (eds).
76. "The effective temperature of the DBV's, and the sensitivity of DB model atmospheres to input physics", Thejll, P.A., Vennes, S., and Shipman, H.L., in "White Dwarfs", the proceedings of the Seventh European White Dwarf Workshop, held in Toulouse, September 1990. pp. 257-265, G. Vauclair and E. Sion (eds).
77. "The DBAQ G35-26", Thejll, P.A., MacDonald, J., and Shipman, H.L., in "White Dwarfs", the proceedings of the Seventh European White Dwarf Workshop, held in Toulouse, September 1990. pp. 275-283, G. Vauclair and E. Sion (eds).
78. "An Atmospheric Analysis of the Carbon-Rich White Dwarf G35-26: The Most Massive Single White Dwarf?", Thejll, P., Shipman, H.L., MacDonald, J., Macfarland, W.M., BAAS 21, 1194, 1989.
79. "NLTE-Analysis of the Hot Helium-Rich Subdwarfs in the Palomar Green Survey", Charache, D., Thejll, P., Shipman, H.L., Liebert, J., Green, R., Eber, F., Kunze, D., BAAS 21, 1194, 1989.
80. "There is no Hydrogen in DB White Dwarf Stars: Evidence for Accretion as the Cause of the DBA Phenomenon", Bhatia, S., Shipman, H.L., Thejll, P., Liebert, J., BAAS 21, 1194, 1989.
81. "MACSYMA-Fortran programs for integral operator methods", Gilbert and Thejll, P.A., in the proceedings: Complex Analysis and its Applications to Partial Differential Equations, a conference held in Halle, DDR, 1988, publ. Longman, W. Tutschke (ed).
82. "Cluster Analysis of the Hot Subdwarfs in the PG survey.", Thejll, P.A., Charache and Shipman. pp.130-133, in proceedings of the IAU Coll. 114 in Hanover, New Hampshire 1988.
83. "An analysis of some SdO stars in the PG survey", Thejll, P.A., Shipman, Green and Liebert, BAAS 16, 508, 1984.