

André HECK – Secondary Professional Publications

Note: The following list gathers together secondary professional publications, excluding communications at scientific meetings, as well as summaries, announcements, etc.

1969

1. Apsida moviĝo kaj stelstrukturo, *Scienca Revuo* **20** (1969) 115-124

1970

2. Duoblaj sistemoj kaj interna stelstrukturo (with R. Sikorski), *Scienca Revuo* **21** (1970) 45-50

1971

3. Eclipse totale de Lune du 10 février 1971 (with J. Manfroid), *Note Int. Inst. Astrophys. Liège* (janvier 1971) 3 pp.
4. Eclipse partielle de Soleil du 25 février 1971 (with J. Manfroid), *Note Int. Inst. Astrophys. Liège* (janvier 1971) 3 pp.
5. Aŭtomata dissendado de la sciencaj informaĵoj, *Scienca Revuo* **22** (1971) 37-38
6. Eclipse totale de Lune du 6 août 1971 (with J. Manfroid), *Note Int. Inst. Astrophys. Liège* (juillet 1971) 5 pp.
7. Opposition de Mars d'août 1971 (with J. Manfroid), *Note Int. Inst. Astrophys. Liège* (juillet 1971) 3 pp.
8. Autres curiosités durant le mois d'août (with J. Manfroid), *Note Int. Inst. Astrophys. Liège* (juillet 1971) 3 pp.
9. Pri la ekvacioj de la interna stelstrukturo, *Scienca Revuo* **22** (1971) 189-192
10. Evoluo kaj masintersanĝo en duoblaj steloj, *Scienca Revuo* **22** (1971) 193-204

1973

11. Precise Positions of Comet Heck-Sause (1973a), *IAU Circ.* **2479** (1973)
12. Precise Positions of Comet Heck-Sause (1973a), *IAU Circ.* **2485** (1973)
13. Precise Positions of Comet Heck-Sause (1973a), *IAU Circ.* **2545** (1973)
14. Object Dossin-Heck (with F. Dossin), *IAU Circ.* **2558** (1973)
15. Determino de la pozicio de steloj uzeblaj por la stela gvidilo de raketoj laŭ lanĉkondiĉoj, *Scienca Revuo* **24** (1973) 139-146

1974

16. Precise Positions of Comet Heck-Sause (1972VIII), *IAU Circ.* **2642** (1974)
17. Visite des établissements Carl Zeiss à Oberkochen (BRD) le 10 janvier 1974 (with J. Manfroid), *Note Int. Inst. Astrophys. Liège* (janvier 1974) 4 pp.
18. Programme de détermination des conditions d'observation d'un astre, *Note Int. Inst. Astrophys. Liège* (février 1974) 2 pp.
19. Prochain retour de la comète périodique Encke 1786I, *Note Int. Inst. Astrophys. Liège* (février 1974) 9 pp.
20. Comète Bradfield (1974b), *Note Int. Inst. Astrophys. Liège* (mars 1974) 4 pp.
21. Comète Bradfield (1974b), *Note Int. Inst. Astrophys. Liège* (mars 1974) 4 pp.

1976

22. A Few Applications Carried out with the Files of the Stellar Data Center, *Inform. Bull. Strasbourg Stellar Data Center* **10** (1976) 14-16

1978

23. The UV Spectrum of HR 8752 (with D.J. Stickland, F. Beeckmans, P. Benvenuti, J. Clavel, F. Macchetto, M.V. Penston & P.L. Selvelli), *Comm. 27 IAU Inform. Bull. Var. Stars* **1492** (1978) 1-2
24. The International Ultraviolet Explorer (IUE) (with F. Beeckmans, P. Benvenuti, A. Cassatella, J. Clavel, F. Macchetto, M.V. Penston, P.L. Selvelli & D.J. Stickland), *Messenger* **15** (1978) 27-31

1979

25. A Collaboration Between the Stellar Data Center and the European Space Agency 'International Ultraviolet Explorer' Observatory (with F. Beeckmans, P. Benvenuti, A. Cassatella, J. Clavel, F. Macchetto, M.V. Penston, P.L. Selvelli & D.J. Stickland), *Inform. Bull. Strasbourg Stellar Data Center* **16** (1979) 90-91

1980

26. CDS Supports Our Star Observers, *IUE ESA Newsl.* **5** (1980) 27
27. To XSPREP or Not to XSPREP, *IUE ESA Newsl.* **6** (1980) 37-38

1981

28. More About Trailed Spectra, *IUE ESA Newsl.* **9** (1981) 10
29. Stellar Data Center Terminal at VILSPA, *IUE ESA Newsl.* **10** (1981) 5-6
30. Data Link Between CDS and ESA IUE Observatory, *Inform. Bull. Strasbourg Stellar Data Center* **21** (1981) 45
31. August 1981 Faintening of V348 Sgr, *Comm. 27 IAU Inform. Bull. Var. Stars* **2020** (1981) 1

1982

32. IUE Observatory, European Space Agency, Villafranca Satellite Tracking Station (VILSPA) – Report for the Year 1980 January 1 to December 31, *Q. Jl. Roy. Astron. Soc.* **23** (1982) 123-133
33. Exposure Times for IUE spectra (with P. Patriarchi), *ESA IUE Newsl.* **13** (1982) 40-41
34. August 1981 Crisis of V348 Sgr (with L. Houziaux & J. Manfroid), *Comm. 27 IAU Inform. Bull. Var. Stars* **2184** (1982) 1-4
35. A Note on Two Be Stars (with J. Manfroid), *Comm. 27 IAU Inform. Bull. Var. Stars* **2198** (1982) 1-7
36. Is HD 90994 a 'Reduction Variable', (with J. Manfroid), *Comm. 27 IAU Inform. Bull. Var. Stars* **2199** (1982) 1-4
37. The Variability of RR Tel (with J. Manfroid), *Messenger* **30** (1982) 6-9

1983

38. HD 85037 – Nouvelle variable à éclipses probable (with P. Renson), *Comm. 27 IAU Inform. Bull. Var. Stars* **2298** (1983) 1-3

39. On the Accuracy of the Reduction of the uvby photometry (with J. Manfroid), *Standard Star Newsl.* **3** (1983) 16

1984

40. HD 172256 Revisited (with J. Manfroid & J.R. Percy), *Comm. 27 IAU Inform. Bull. Var. Stars* **2501** (1984) 1-4
41. Number of Stars Observed with IUE Versus Apparent Magnitude, *IUE NASA Newsl.* **24** (1984) 215

1985

42. Is HD 23878 a Mild CP Star? (with G. Mathys & J. Manfroid), *Comm. 27 IAU Inform. Bull. Var. Stars* **2738** (1985) 1-2
43. L'importance croissante de la méthodologie statistique en astronomie, *J. Astron. Français* **24** (1985) 15-17
44. The Increasing Importance of Statistical Methods in Astronomy (with F. Murtagh & D.J. Ponz), *Messenger* **41** (1985) 22-25

1987

45. Homogenized IUE Observation Log (with D. Egret), *CDS Special Report 1* (1987) 731 pp.
46. Strengthening Research Links Between Astronomy/Astrophysics and Computing/Statistics (with F. Murtagh & V. di Gesù), *Messenger* **47** (1987) 23-24
47. SIMBAD, the CDS Database (with D. Egret), *Messenger* **48** (1987) 22-24
48. Rule-based Classification of IUE Spectra (with R. Rampazzo & F. Murtagh), *ST-ECF Newsl.* **8** (1987) 6-7

1989

49. Classification of IUE Spectra: A Rule-based Approach (with F. Murtagh & R. Rampazzo), in *Knowledge-based Systems in Astronomy*, Eds. A. Heck & F. Murtagh, *Lecture Notes in Physics* **329**, Springer-Verlag, Heidelberg (1989) 161-167
50. AI Applications to Space Activities, *Internat. Sp. Univ.*, Strasbourg (1989) 20 pp.
51. Analyse statistique multivariée – Applications astronomiques, in *Traitement de l'Information – Méthodes et Concepts*, Ed. D. Benest, Société Française des Spécialistes d'Astronomie, Paris (1989) 141-145

1990

52. Applications de l'intelligence artificielle aux projets astronomiques et spatiaux, *J. Astron. Français* **37** (1990) 6-8
53. How 'Not' to Succeed in Giving a Poster Presentation, *Amer. Astron. Soc. Newsl.* **49** (1990) 4

1991

54. The SIMBAD Astronomical Database: Status and Prospects (with M. Crézé, F. Bonnarel & J. Watson), *Bull. Amer. Astron. Soc.* **23** (1991) 832

1992

55. Introducing ... the Stars*s Family, *Bull. Inform. Centre Données Astron. Strasbourg* **40** (1992) 139-141

56. The Star*s Family, *CODATA Bull.* **24** (1992) 136
57. La publication électronique et la recherche 'intelligente' de l'information en astronomie et sciences spatiales, *Micro Bulletin* **45** (1992) 122-133

1993

58. The Star*s Family, *J. Astron. Français* **44** (1993) 43
59. The Star*s family – An Update, *Bull. Amer. Astron. Soc.* **25** (1993) 789
60. StarGates and StarWords – An On-line Yellow Pages Directory for Astronomy (with M.A. Albrecht), *ESO Messenger* **73** (1993) 39-40

1994

61. MediaTheque – Report # 1, *Bull. Inform. Centre Données Astron. Strasbourg* **44** (1994) 29-36
62. The Star*s Family, in *New Data Challenges in Our Information Age*, Eds. Ph. Sloane Glaeser & M.T.I. Willward, *CODATA Proc. Series* **2** (1994) B110-B113
63. MediaTheque – Report 2, *Bull. Inform. Centre Données Astron. Strasbourg* **45** (1994) 27-34
64. What is Electronic Publishing? (Letter to the Editor), *Amer. Astron. Soc. Newsl.* **73** (1994) 2
65. The AstroWeb Database of Internet Resources (with H.M. Adorf, D. Egret, R.E. Jackson, A. Koekemoer, F. Murtagh & D. Wells), *ESO Messenger* **78** (1994) 44-46
66. Electronic Information Handling in Astronomy and Related Space Sciences, *Bull. Amer. Astron. Soc.* **26** (1994) 1513

1995

67. AstroWeb – Internet Resources for Astronomers (with H.M. Adorf, D. Egret, R.E. Jackson, A. Koekemoer, F. Murtagh & D. Wells), *ST-ECF Newsl.* **22** (1995) 26-27
68. MediaTheque – Report 3, *Bull. Inform. Centre Données Astron. Strasbourg* **46** (1995) 33-38
69. Converging Computing Methodologies in Astronomy – A European Science Foundation Scientific Network, 1995-1997 (with A. Bijaoui, V. Di Gesù, M.J. Kurtz, P. Linde, M.C. Maccarone, R. McMahon, R. Molina, F. Murtagh & E. Raimond), *ESO Messenger* **79** (1995) 38-39
70. Facets and Challenges of the Information Technology Evolution, *ICSTI Newsletter* **20** (1995) 3-5
71. MediaTheque – Report 4, *Bull. Inform. Centre Données Astron. Strasbourg* **47** (1995) 21-29
72. Subrahmanyan Chandrasekhar (1910-1995), *Orion* **53** (1995) 323
73. The Strasbourg Astronomical Data Center (CDS): Current Status and Future Trends (with F. Genova, F. Bonnarel, M. Crézé, P. Dubois, D. Egret, G. Jasniewicz, S. Lesteven, F. Ochsenbein, M. Wenger & J.R. Watson), *Bull. Amer. Astron. Soc.* **27** (1995) 1418

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74. MediaTheque – Report 5 (with S. Lesteven), *Bull. Inform. Centre Données Astron. Strasbourg* **48** (1996) 51-55

1997

75. The Astronomical Yellow Pages, *Observatory* **117** (1997) 369

1998

76. Distributions géographiques des activités observationnelles astronomiques, *J. Astron. Français* **56** (mai 1998) 42-48

1999

77. Characteristics of Astronomy-related Organizations, *Bull. Amer. Astron. Soc.* **31** (1999) 1002
78. Carlos Jaschek: Une vie au service de l'astronomie (with D. Egret), *J. Astron. Français* **60** (1999) 2-3
79. Carlos Jaschek, 1926-1999 (with D. Egret), *Bull. Amer. Astron. Soc.* **31** (1999) 1602

2000

80. Perceptions of Science, *EASST Review* **19** (2000) 8-9
81. Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 1*, Kluwer Acad. Publ., Dordrecht (2000) 211-221

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82. Non-professional Astronomy Magazine Survey, *ASTROLIB Message* (26 Feb 2001)
83. Virtual Observatories or Rather Digital Research Facilities?, *Amer. Astron. Soc. Newsl.* **104** (2001) 2
84. Information Handling in Astronomy: Beyond Technologies and Methodologies, *CERN HEP Libraries Webzine* **3** (2001)
85. Updated Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 2*, Kluwer Acad. Publ., Dordrecht (2001) 269-280
86. Strasbourg Astronomical Observatory: Its People through its Multinational History, *Bull. Amer. Astron. Soc.* **33** (2001) 1301

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87. The StarPages, *The Observatory* **122** (2002) 110-111
88. Light Pollution, *European Astron. Soc. Newsl.* **23** (2002) 6-7
89. Updated Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 3*, Kluwer Acad. Publ., Dordrecht (2002) 217-233
90. Now Is Already Yesterday, *HAD News* **61-62** (2002) 5-6
91. Recent Ramblings in Astro-Art Relationships, in *INSAP III – The Inspiration of Astronomical Phenomena, Palermo, 31 December 2000 – 6 January 2001*, Ed. S. Serio, *Mem. Soc. Astron. Ital.* **73** (Spec. Num. 1-2002) 221-224

2003

92. Strasbourg Observatory Archives Revisited, *Bull. Amer. Astron. Soc.* **35** (2003) 566
93. Updated Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 4*, Kluwer Acad. Publ., Dordrecht (2003) 305-325

94. Wrong Impact!, *European Astron. Soc. Newsl.* **26** (2003) 4-5

2004

95. Updated Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 5*, Kluwer Acad. Publ., Dordrecht (2004) 287-309
96. Strasbourg Astronomical Observatory: Its People through its Multinational History, *Beitr. Astronomiegeschichte* **7** (2004) 292-294

2005

97. Strasbourg Observatory, Astronomical Phenomena and the Regional Press (with W. Bodenmuller), in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 227-244
98. The Coronelli Globe of Strasbourg Observatory, in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 245-254
99. Strasbourg Green Rays, in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 255-261
100. Strasbourg Observatory Council Members (with Ch. Bruneau), in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 263-269
101. CDS Council Members (with Ch. Bruneau), in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 271-275
102. Strasbourg Observatory Personnel (with B. Traut & H.W. Duerbeck), in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 277-292
103. Strasbourg Observatory Publications (with Ph. Vonflie), in *The Multinational History of Strasbourg Astronomical Observatory*, Springer, Dordrecht (2005) 293-310

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104. AFOEV: Serving Variable-Star Observers since 1921 – An Interview with Émile Schweitzer/AFOEV in *Organizations and Strategies in Astronomy – Vol. 6*, Springer, Dordrecht (2006) 243-252
105. Updated Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 6*, Springer, Dordrecht (2006) 321-344
106. HELLERICH Hermann Hinrich Peter Johannes (biography), *Nouv. Dict. Biogr. Alsacienne* **45** (2006) 4674-4675 [translation of H.W. Duerbeck's original note (not author as wrongly printed in that paper)]
107. JASCHEK Karl (Otto Rüdiger) dit Carlos (biography), *Nouv. Dict. Biogr. Alsacienne* **45** (2006) 4713-4714
108. LALLEMAND André (biography), *Nouv. Dict. Biogr. Alsacienne* **46** (2006) 4762-4763
109. MULLER Paul (biography), *Nouv. Dict. Biogr. Alsacienne* **46** (2006) 4829-4830
110. The International Space Science Institute – An Interview with Roger M. Bonnet, in *Organizations and Strategies in Astronomy – Vol. 7*, Springer, Dordrecht (2006) 116-124
111. The ADS Success Story – An Interview with Günther Eichhorn, in *Organizations and Strategies in Astronomy – Vol. 7*, Springer, Dordrecht (2006) 307-314

112. Updated Bibliography of Socio-Astronomy, in *Organizations and Strategies in Astronomy – Vol. 7*, Springer, Dordrecht (2006) 565-594
113. ROSENBERG Hans Oswald (biography), *Now. Dict. Biogr. Alsacienne* **47** (2006) 4896-4897 [translation of H.W. Duerbeck's original note (not author as wrongly printed in that paper)]
114. ROUGIER Gilbert (biography), *Now. Dict. Biogr. Alsacienne* **47** (2006) 4900-4901
115. SCHUR Adolf Christian Wilhelm (biography), *Now. Dict. Biogr. Alsacienne* **47** (2006) 4937 [translation of H.W. Duerbeck's original note]

2007

116. Future Professional Communication in Astronomy (and its impact on evaluation) – Colloque, *La Lettre des Académies* **6** (2007) 1 + 12
117. COUDER André (biography), *Now. Dict. Biogr. Alsacienne* **48** (2007) 5077-5078
118. ESCLANGON Ernest (biography), *Now. Dict. Biogr. Alsacienne* **48** (2007) 5087-5088
119. WINNECKE Friedrich August Theodor (biography), *Now. Dict. Biogr. Alsacienne* **48** (2007) 5028-5029 [translation of H.W. Duerbeck's original note]
120. WIRTZ Carl Wilhelm (biography), *Now. Dict. Biogr. Alsacienne* **48** (2007) 5030-5031 [translation of H.W. Duerbeck's original note]
121. WISLICENUS Walter Friedrich (biography), *Now. Dict. Biogr. Alsacienne* **48** (2007) 5031 [translation of H.W. Duerbeck's original note]
122. IUE – Also Pioneering Observing and Archiving Strategies, *Astron. Nachr.* **328** (2007) 694
123. Organizations and Strategies in Astronomy, *Observatory* **127** (2007) 336-337
124. Future Professional Communication in Astronomy, *Observatory* **127** (2007) 375-379
125. Concept for a Peer-Reviewed Community-Supported Web Site Serving Professional Astronomy (with R. Albrecht), in *Library and Information Services in Astronomy V – Common Challenges, Uncommon Solutions*, Eds. S. Ricketts, Chr. Birdie & E. Isaksson, Astron. Soc. Pacific Conf. Series **377** (2007) 155-158

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126. Compiling Biographical Encyclopediae of Astronomers, *Observatory* **128** (2008) 495-499

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127. The Strasbourg Large Refractor and Dome: Significant Improvements and Failed Attempts, *Bull. Amer. Astron. Soc.* **41** (2009) 186-187
128. La Tour de l'Hôpital de Strasbourg: un observatoire astronomique? (with J.P. Beck), *Cahiers Alsaciens d'Archéologie, d'Art et d'Histoire* **LII** (2009) 129-138

2010

129. Strasbourg's First Astronomical Observatories – From Prestige to Real Science, *ICHA Newsletter* **10** (2010) 1-7

2011

130. Strasbourg's "First" Astronomical Observatory, *Beitr. Astronomiegeschichte* (2011) **11**, 208-219
131. Strasbourg's "Academy" Observatory, *Beitr. Astronomiegeschichte* (2011) **11**, 220-231
132. L'observatoire astronomique de l'Académie de Strasbourg (XIX^e siècle), *Cahiers Alsaciens d'Archéologie, d'Art et d'Histoire* **LIV** (2011) 141-151