

List of Publications.

I. Dissertations

1. *A Study of the Influence of Viscosity on Resistive Ballooning Instabilities of Magnetic Equilibria in the Solar Corona*, R.A.M. Van der Linden, BSc Dissertation, Katholieke Universiteit Leuven (Belgium), 1987.
2. *The Thermal Instability in the Solar Corona: a Mechanism for the Formation of Cool Condensations (Prominences)*, R.A.M. Van der Linden, PhD Dissertation, Katholieke Universiteit Leuven (Belgium), 1991.

II. Publications in refereed literature

1. *The Effects of Parallel and Perpendicular Viscosity on Resistive Ballooning Modes in Line-Tied Coronal Magnetic Fields*, R. Van der Linden, M. Goossens and A.W. Hood, *Solar Physics* 115, p.235-249, 1988.
2. *A Formulation of Non-Ideal Localized (or Ballooning) Modes in the Solar Corona*, A.W. Hood, R. Van der Linden and M. Goossens, *Solar Physics* 120, p.261-283, 1989.
3. *A Combined Finite Element/Fourier Series Method for the Numerical Study of the Stability of Line-Tied Magnetic Plasmas*, R.A.M. Van der Linden, M. Goossens and W. Kerner, *Computer Physics Communications* 59, p.61-73, 1990.
4. *Thermal Instability in Slab Geometry in the Presence of Anisotropical Thermal Conduction*, R.A.M. Van der Linden and M. Goossens, *Solar Physics* 131, p.79-105, 1991.
5. *On the Existence of a Thermal Continuum in Non-Adiabatic Magnetohydrodynamic Spectra*, R.A.M. Van der Linden, M. Goossens and J.P. Goedbloed, *Physics of Fluids B3*, p.866-868, 1991.
6. *The Thermal Continuum in Coronal Loops: Instability Criteria and the Influence of Perpendicular Thermal Conduction*, R.A.M. Van der Linden and M. Goossens, *Solar Physics* 134, p.247-273, 1991.
7. *User Experiences with the Parallel I/O Access Method*, R.A.M. Van der Linden, and Anne Marie De Meyer, *Supercomputer* 49, p.7-15, 1992.
8. *The Relevance of the Ballooning Approximation for Magnetic, Thermal, and Coalesced Magnetothermal Instabilities*, R.A.M. Van der Linden, M. Goossens and A.W. Hood, *Solar Physics* 140, p.317-342, 1992.
9. *The Thermal Continuum in Coronal Loops: the Influence of Finite Resistivity on the Continuous Spectrum*, R.C. Ireland, R.A.M. Van der Linden, A.W. Hood, and M. Goossens, *Solar Physics* 142, p.265-289, 1992.
10. *Non-Adiabatic Discrete Alfvén Waves in Coronal Loops and Prominences*, R. Keppens, R.A.M. Van der Linden, and M. Goossens, *Solar Physics* 144, p.267-281, 1993.
11. *Can Fine-Structure in Prominences Be Due to Perpendicular Thermal Conduction*, R.A.M. Van der Linden, *Geophysical and Astrophysical Fluid Dynamics* 69, p.183-199, 1993.
12. *Line-Tying in a Gravitationally Stratified Atmosphere*, R.A.M. Van der Linden and A.W. Hood, in G. Belvedere, M. Rodonò, and G.M. Simnett (eds.) *Springer-Verlag Lecture Notes in Physics*, p.135, 1994.
13. *Multifaceted Asymmetric Radiation from the Edge (MARFE's): A General Magnetohydrodynamic Study in a One-Dimensional Tokamak Model*, A. De Ploey, M. Goossens, and R.A.M. Van der Linden, *Physics of Plasmas* 1, p.2623-2629, 1994.
14. *WKB Estimates for the Onset of Ideal MHD Instabilities in Solar Coronal Loops*, A.W. Hood, P. De Bruyne, R.A.M. Van der Linden, and M. Goossens, *Solar Physics* 150, p.99-115, 1994.
15. *The Influence of Line-Tying on Coronal Perturbations in a Gravitationally Stratified Equilibrium*, R.A.M. Van der Linden, A.W. Hood and J.P. Goedbloed, *Solar Physics* 154, p.69-96, 1994.
16. *On the Importance of High- m Instabilities in Line-Tied Coronal Magnetic Fields*, R.A.M. Van der Linden, and A.W. Hood, *Astronomy and Astrophysics* 299, p.912-920, 1995.
17. *Magnetothermal Instabilities in Coronal Arcades*, R.C. Ireland, A.W. Hood, and R.A.M. Van der Linden, *Solar Physics* 160, p.303-330, 1995.

18. * *JET Results with the New Pumped Divertor and Implications for ITER*, The JET Team, Plasma Physics and Controlled Fusion 37, A3-A17, 1996.
19. * *The Joint European Torus (JET) Pumped Divertor Results and Their Significance for the International Thermonuclear Experimental Reactor (ITER)*, M.L. Watkins and the JET Team, Physics of Plasmas 3, p.1881-1891, 1996.
20. *Non-Uniform Rotation and the Resistive Wall Mode*, C.G. Gimblett, R.J. Hastie, R.A.M. Van der Linden, and J.A. Wesson, Physics of Plasmas 3, p.3619-3627, 1996.
21. *MARFEs: a Magnetohydrodynamic Stability Study of Two-Dimensional Tokamak Equilibria*, A. De Ploey, R.A.M. Van der Linden, G. Huysmans, M. Goossens, W. Kerner, and H. Goedbloed, Plasma Physics and Controlled Fusion 39, p.423-438, 1997.
22. * *High Performance Joint European Torus (JET) Plasmas for Deuterium-Tritium Operation with the MkII Divertor*, T.T.C. Jones and the JET Team, Physics of Plasmas 4, p.1725-1735, 1997.
23. *Ideal Interchange Instability near the Separatrix in the SOL and its Relation to ELMs*, W. Kerner, O. Pogutse, R. Van der Linden, Plasma Physics and Controlled Fusion 39, p.757-778, 1997.
24. *Comment on "Explanation for MARFE formation and subsequent evolution into a detached symmetric plasma edge" [Phys. Plasmas 3, 2673 (1996)], "MARFE impurity density limits in tokamaks with poloidal asymmetry and rotation" [Phys. Plasmas 3, 3032 (1996)], and "MARFE suppression by external edge heating" [Phys. Plasmas 4, 134 (1997)]*, A. De Ploey, R.A.M. Van der Linden, and M. Goossens, Physics of Plasmas 4, p.2774-2775, 1997.
25. * *Latest JET Results in Deuterium and Deuterium-Tritium Plasmas*, the JET Team, Plasma Physics and Controlled Fusion 39, p.B1-B18, 1997.
26. *The Effect of Resistivity on the Formation of Prominence Fine-Scale Structure*, R.C. Ireland, R.A.M. Van der Linden, and A.W. Hood, Solar Physics 179, p.115-132, 1998.
27. *A Complete Solar Coronal Loop Stability Analysis in Ideal Magnetohydrodynamics. I. Non-Force-Free Cylindrical Equilibria*, R.A.M. Van der Linden and A.W. Hood, Astronomy and Astrophysics 339, p.887-896, 1998.
28. *Unstable Coronal Loops: Numerical Simulations with Predicted Observational Signatures.*, T.D. Arber, A.W. Longbottom, and R.A.M. Van der Linden, Astrophysical Journal 517, p.990-1001, 1999.
29. *A Complete Solar Coronal Loop Stability Analysis in Ideal Magnetohydrodynamics. II. Force-Free Cylindrical Equilibria*, R.A.M. Van der Linden and A.W. Hood, Astronomy and Astrophysics 346, p.303-312, 1999.
30. *Stability Studies and the Origin of the $n = 1$ Mode in the SPHEX Spheromak Experiment*, D. Brennan, P. Browning, R.A.M. Van der Linden, A.W. Hood and S. Woodruff, Physics of Plasmas 6, p.4248-4259, 1999.
31. *On the Continua in Two-Dimensional Non-Adiabatic Magnetohydrodynamic Spectra*, A. De Ploey, R.A.M. Van der Linden and S. Beliën, Physics of Plasmas 7, p.2354-2365, 2000.
32. *Numerical Simulations of Kink Instability in Line-Tied Coronal Loops*, C.L. Gerrard, T.D. Arber, A.W. Hood, R.A.M. Van der Linden, Astronomy and Astrophysics 373, p.1089-1098, 2001.
33. *The Solar Influences Data Analysis Centre*, D. Berghmans, F. Clette, P. Cugnon, J.-R. Gabryl, J.-F. Hochedez, R.A.M. Van der Linden, E. Verwichte, Journal of Atmospheric and Solar-Terrestrial Physics 64, p.757-761, 2002.
34. *A Two Dimensional magnetohydrodynamic Stability Model for Helicity-Injected Devices with Open Flux*, D.P. Brennan, P.K. Browning, R.A.M. Van der Linden, Physics of Plasmas 9, p. 3526-3535, 2002.
35. *Solar Coronal Heating by Relaxation Events*, P.K. Browning, R.A.M. Van der Linden, Astronomy and Astrophysics 400, p. 355-367, 2003.
36. *The SIDC: World Data Center for the sunspot index*, Vanlommel, P., Cugnon, P., Van der Linden, R.A.M., Berghmans, D., Clette, F., Sol. Phys. 224, p. 113-120, 2004.

*Publications as named member of the JET Team

37. *Solar activity: nowcasting and forecasting at the SIDC*, D. Berghmans, R.A.M. Van der Linden, P. Vanlommel, R. Warnant, A. Zhukov, E. Robbrecht, F. Clette, O. Podladchikova, B. Nicula, J.-F. Hochedez, L. Wauters, S. Willems, *Annales Geophysicae* 23, pp. 3115-3128, 2005.
38. *Solar weather monitoring*, J.-F. Hochedez, A. Zhukov, E. Robbrecht, R. Van der Linden, D. Berghmans, P. Vanlommel, A. Theissen, and F. Clette, *Annales Geophysicae* 23, pp. 3149-3161, 2005.
39. *Observations of solar EUV radiation with the coronas-f/spirit and soho/eit telescopes*, V.A. Slemzin, S.V. Kuzin, I.A. Zhitnik, J.-P. Delaboudiniere, F. Auchere, A.N. Zhukov, R. Van der Linden, O.I. Bougaenko, A.P. Ignatiev, A.V. Mitrofanov, A.A. Pertsov, S.N. Oparin, A.I. Stepanov, and A.N. Afanasiev, *Solar System Research* 39, p. 489-500, 2005.
40. *SWAP onboard PROBA 2, a new EUV imager for solar monitoring*, D. Berghmans, J.F. Hochedez, J.M. Defise, J.H. Lecat, B. Nicula, V. Slemzin, G. Lawrence, A.C. Katsyiannis, R. Van der Linden, A. Zhukov, F. Clette, P. Rochus, E. Mazy, T. Thibert, P. Nicolosi, M-G. Pelizzo, U. Schühle, *Advances in Space Research* 38, p. 1807-1811, 2006.
41. *LYRA, a Solar UV radiometer on Proba-2*, J.-F. Hochedez, W. Schmutz, M.Nesladek, Y. Stockman, U. Schühle, A. BenMoussa, S. Koller, K. Haenen, D. Berghmans, J.-M. Defise, J.-P. Halain, A. Theissen, V. Delouille, V. Slemzin, D. Gillotay, D. Fussen, M. Dominique, F. Vanhellefont, D. McMullin, M. Kretzschmar, A. Mitrofanov, B. Nicula, L. Wauters, H. Roth, E. Rozanov, I. Rüedi, C. Wehrli, H. Amano, R. Van der Linden, A. Zhukov, F. Clette, S. Koizumi, V. Mortet, Z. Remes, R. Petersen, M. D'Olieslaeger, J. Roggen, P. Rochus, *Advances in Space Research* 37, p. 303-312, 2006.
42. *Objective CME detection over the solar cycle: a first attempt*, E. Robbrecht, D. Berghmans, R.A.M. Van der Linden, *Advances in Space Research* 38, p.475-479, 2006.
43. *November 2004 space weather events: real time observations and forecasts*, L. Trichtchenko, A.N. Zhukov, R.A.M. Van der Linden, S. M. Stankov, N. Jakowski, I. Stanislawska, G. Juchnikowski, P. Wilkinson, G. Patterson, A. W. P. Thomson, *Space Weather* 5, S06001, doi: 10.1029/2006SW000281, 2007.
44. *From the Wolf number to the International Sunspot index: 25 years of SIDC*, F. Clette, D. Berghmans, P. Vanlommel, R.A.M. Van der Linden, A. Koeckelenbergh, L. Wauters, *Advances in Space Research* 40, 919, 2007.
45. *Integral activity of the declining phase of sunspot cycles as precursor of the next cycle*, T. Podladchikova, B. Lefevre, R. Van der Linden, *Journal of Atmospheric and Solar-Terrestrial Research* 70, 277-284, 2008.
46. *Heating the corona by nanoflares: simulations of energy release triggered by a kink instability*, P.K. Browning, C. Gerrard, A.W. Hood, R. Kevis, R.A.M. Van der Linden, *Astronomy and Astrophysics* 485, 837-848, 2008.
47. *Automated LASCO CME catalog for solar cycle 23: are CMEs scale invariant?*, E. Robbrecht, D. Berghmans and R.A.M. Van der Linden, *Astrophys. J.* 691, 1222-1234, 2009.
48. *Helicity-injected current drive and open flux instabilities in spherical tokamaks*, D.P. Brennan, P.K. Browning, J. Gates, R.A.M. Van der Linden, *Plasma Phys. Control. Fusion* 51, 2009, 045004.
49. *Renewed Support Dawns in Europe: An Action to Develop Space Weather Products and Services*, Anna Belehaki, Jurgen Watermann, Jean Lilensten, Alexi Glover, Mike Hapgood, Mauro Messerotti, Ronald van der Linden, Henrik Lundstedt, *Space Weather Journal* 7, 10-14, 2009.
50. *Coronal heating by magnetic reconnection in loops with zero net current*, A.W. Hood, P.K. Browning, R.A.M. Van der Linden, *Astronomy and Astrophysics* 506, 913-925, 2009 (DOI: 10.1051/0004-6361/200912285).
51. *EUV Observations and Analysis of Micro-Eruptions and Their Associated Coronal Waves*, O. Podladchikova, A. Vourlidas, R.A.M. Van der Linden, S. Patsourakos, J.P. Wuesler, *Astrophys. J.* 709, 369-376, 2010.
52. *Can flares trigger other flares in distant active regions?*, O. Podladchikova, V. Krasnoselskikh, D. Berghmans, B. Lefebvre, V. Nakariakov, R. Van der Linden, submitted to *Astrophys. J.*
53. *A Nanoflare Distribution Generated by Repeated Relaxations Triggered by Kink Instability*, M.R. Bareford, P.K. Browning, R.A.M. Van der Linden, submitted to *Astronomy and Astrophysics*.

III. Publications in unrefereed journals and conference proceedings (publications as member of the JET Team NOT included)

1. *The Effects of Viscosity on Resistive Ballooning Modes in Line-Tied Coronal Magnetic Fields*, R. Van der Linden, M. Goossens and A.W. Hood, Proceedings 21st Eslab Symposium *Small Scale Plasma Processes in the Solar Chromosphere/Corona, Interplanetary Medium and Planetary Magnetospheres*, ESA SP-275, p.109-114, 1988.
2. *Thermal Instability in Planar Solar Coronal Structures*, R.A.M. Van der Linden and M. Goossens, Proceedings of IAU Colloquium 117 on Dynamics of Prominences, Hvar, Yugoslavia, 1989, Hvar Observatory Bulletin 13, p.289-296, 1989.
3. *Line-Tying Effects on Stability and Heating of Solar Coronal Loops*, G. Halberstadt, J.P. Goedbloed, S.M.Poedts, and R.A.M. Van der Linden, in P. Ulmschneider, E.R. Priest, and R. Rosner (eds.), *Mechanisms of Chromospheric and Coronal Heating*, 1990.
4. *The Magnetothermal Stability of Radially Stratified Line-Tied Coronal Loops*, R.A.M. Van der Linden and M. Goossens, Proceedings of the First SOHO Workshop, Annapolis, Maryland, USA, 25-28 August 1992, ESA SP-348, p.269-272, 1992.
5. *Can Fine-Structure in Prominences be Due to Perpendicular Thermal Conduction?*, R.A.M. Van der Linden, in P. Hennequin and M.A. Dubois (eds.) *Magnetic Turbulence and Transport*, Proceedings of the International Workshop on Magnetic Turbulence and Transport, Cargèse, France, July 6-11, 1992, p.261-266, 1993.
6. *MARFE's: a Magnetohydrodynamic Stability Study of General Tokamak Equilibria*, A. De Ploey, R.A.M. Van der Linden, G.T.A. Huysmans, M. Goossens, W. Kerner, and J.P. Goedbloed, Proceedings of the 22nd EPS Conference on Controlled Fusion and Plasma Physics, Bournemouth, UK, 1995.
7. *Radiation in JET's Mark I Divertor*, R. Reichle, D.V. Bartlett, D.J. Campbell, H. Chen, J.C. Fuchs, R.M. Giannella, N.A.C. Gottardi, N. Hawkes, L.D. Horton, H.J. Jäckel, L. Lauro-Taroni, A.C. Maas, R.D. Monk, M.G. O'Mullane, L. Porte, R.A.M. Van der Linden, M. Von Hellerman, J. Wesson, Proceedings of the 22nd EPS Conference on Controlled Fusion and Plasma Physics, Bournemouth, UK, 1995.
8. *Ballooning Instabilities in the Scrape-Off-Layer of Diverted Tokamaks as Giant ELM precursors*, R. Van der Linden, W. Kerner, O. Pogutse, B. Schunke, Proceedings of the 23rd EPS Conference on Controlled Fusion and Plasma Physics, Kiev, Ukraine, 24-28 June, 1996, part 1, p.139-142, 1996.
9. *On the magnetoacoustic waves in a current sheet*, Boddie, D.; Roberts, B.; Hood, A. W.; van der Linden, R., JOSO Annu. Rep., 1998, p. 139 - 140, 1999.
10. *The Origin of the $n = 1$ Mode in Spheromaks and Spherical Tokamaks with Helicity Injection*, D. Brennan, P. Browning, R.A.M. Van der Linden, Proceedings of the 6th International Spherical Tokamak Workshop, Seattle, USA, 19-21 November 1999.
11. *Non-Linear Kink Instabilities in Line-Tied Coronal Loops*, C.L. Gerrard, T.D. Arber, A.W. Hood, R.A.M. Van der Linden, in F. Verheest, M. Goossens, M.A. Hellberg, R. Bharuthram (eds.), *Waves in Dusty, Solar, and Space Plasmas*, AIP Conference Proceedings 537, p.248-255, Melville, New York, 2000.
12. *Two Dimensional Stability Studies of Helicity Injected Spheromaks and Spherical Tokamaks*, D. Brennan, R.A.M. Van der Linden, P.K. Browning, Proceedings 42nd American Physical Society Annual Meeting of Division of Plasma Physics, Quebec City, Canada, 10/23/2000 Bull. Am. Phys. Soc. 45, YP1 44 post-deadline (2000).
13. *The Solar Influences Data Analysis Centre*, D. Berghmans, F. Clette, P. Cugnon, C. Foullon, J.-F. Hochedez, R. van der Linden, E. Verwichte, A. Zhukov, Proceedings of the ESA Space Weather Workshop: *Looking towards a European Space Weather Programme*, ESTEC, Noordwijk, The Netherlands, 17-19 December 2001, p.333-338.
14. *Instabilities and Their Role in Current Drive in Helicity-Injected Spheromaks and Spherical Tokamaks*, D. Brennan, P.K. Browning, R.A.M. Van der Linden, Proceedings of the 28th EPS Conference on Controlled Fusion and Plasma Physics, Funchal, Portugal, 18-22 June, 2001.

15. *Probing the Solar Corona with the EIT Experiment: Belgian Science Programs and Archive*, Berghmans, D., Clette, F., Cugnon, P., Defise, J.-M., Gabryl, J.-R., Hochedez, J.-F., Jamar, C., Robbrecht, E., Van der Linden, R., Rochus, P., Verwichte, E., OSTC publication on Space Scientific Research in Belgium, Volume 2, part 1, p.133-147, 2001.
16. *A New Start for the SIDC*, Berghmans, D., Clette, F., Cugnon, P., Gabryl, J.-R., Hochedez, J.-F., Van der Linden, R., Verwichte, E., OSTC publication on Space Scientific Research in Belgium, Volume 2, part 1, p.119-132, 2001.
17. *A Solar Coronal Heating Model: Multi-Energy Relaxation Events*, P.K. Browning and R.A.M. Van der Linden, in A. Wilson (ed.), Proc. SOHO11 Symposium *From Solar Min to Max: Half a Solar Cycle with SOHO*, Davos, Switzerland, 11-15 March 2002, ESA SP-508, p.263-266, 2002.
18. *The Solar Influences Data analysis Center: current status of expanding activities*, F.Clette, R.A.M. Van der Linden, P. Cugnon, D. Berghmans, C. Foullon, L. Wauters, E. Verwichte, J.F. Hochedez, P. Vanlommel, Proceedings 10th European Solar Physics Meeting, *Solar variability: from core to outer frontiers*, 9-14 September 2002, Prague, Czech Republic. ESA-SP 506, p.125-128.
19. *The new instrumentation of the SIDC/Uccle station*, F. Clette, P. Cugnon, D. Berghmans, R.A.M. Van der Linden, L. Wauters, Proceedings 10th European Solar Physics Meeting, *Solar variability: from core to outer frontiers*, 9-14 September 2002, Prague, Czech Republic. ESA-SP 506, p.935-938.
20. *Instabilities and helicity-injection current drive in spherical tokamaks*, D.P. Brennan, P.K. Browning, R.A.M. Van der Linden, Proceedings 29th EPS conference on Controlled Fusion and Plasma Physics, St. Petersburg, 2003.
21. *Ruimteweer: het einde van de wereld?*, Petra Vanlommel, David Berghmans, Ronald Van der Linden, Pierre Cugnon, Heelal 48, p.144-149, 2003.
22. *Een op hol geslagen Zon?*, Petra Vanlommel, Ronald Van der Linden, Eva Robbrecht, David Berghmans, Frederic Clette, Laurence Wauters, Andrei Zhukov en Pierre Cugnon, Heelal 49, p.79-86, 2004.
23. *SWAP: Sun watcher using APS detector on-board PROBA-2, a new EUV off-axis telescope on a technology demonstration platform*, Defise, Jean-Marc; Berghmans, David; Hochedez, Jean-Francois E.; Lecat, Jean-Herve M.; Mazy, Emmanuel; Rochus, Pierre L.; Thibert, Tanguy; Nicolosi, Piergiorgio; Pelizzo, Maria G.; Schuehle, Udo H.; Van der Linden, Ronald A. M.; Zhukov, Andrei N., in Fineschi, S.; Gummin, M.A. (eds.) *Telescopes and Instrumentation for Solar Astrophysics*, proceedings of the SPIE, Volume 5171, p. 143-154, 2004.
24. *Coronal heating by nanoflares: a reconnection model*, P. Browning, R.A.M. Van der Linden, C. Gerard, R. Kevis, A.W. Hood, in R.W. Walsh, J. Ireland, D. Danesy, B. Fleck (eds.), Proceedings of the SOHO 15 Workshop - Coronal Heating, 6-9 September 2004 (St. Andrews, Scotland, UK), ESA SP-575, p.210, 2004.
25. *History of the Sunspot Index: 25 years SIDC*, Berghmans, D., Van der Linden, R.A.M., Vanlommel, P., Clette, F., Robbrecht, E., in W. Schroeder (ed.), *Historical events and people in Aeronomy, geomagnetism and solar-terrestrial physics*, J. Hist. Geophysics and Cosmical Physics, Volume VII, No.1, p. 288-304, 2006 (invited talk presented by D. Berghmans at the IAGA Scientific Assembly, Toulouse (France), 18-29 July 2005).
26. *a Model of Nanoflare Energies Based on Relaxation Theory*, Browning, P. K.; van der Linden, R.; Gerrard, C.; Kevis, R.; Hood, A.; Proceedings of the 11th European Solar Physics Meeting "The Dynamic Sun: Challenges for Theory and Observations" (ESA SP-600). 11-16 September 2005, Leuven, Belgium. Editors: D. Danesy, S. Poedts, A. De Groof and J. Andries. Published on CDROM., p.82.1.
27. *The Solar Weather/Solar Activity Monitoring and Forecast*, Ronald Van der Linden, in J. Liliensten (ed.), "Space Weather : Research Towards Applications in Europe; 2nd European Space Weather Week (ESWW2)". Astrophysics and Space Science Library volume 344; ESA / ESTEC, Noordwijk, The Netherlands, November 14-19, 2005. ISBN: 978-1-4020-5445-7 (e-book).
28. Du Nombre de Wolf a l'indice international des taches solaires: 25 ans de SIDC (1re partie) F. Clette, D. Berghmans, P. Vanlommel, R.A.M. Van der Linden, A. Koeckelenbergh, L. Wauters, Ciel & Terre 124, 3, 66-75, 2008.
29. Du Nombre de Wolf a l'indice international des taches solaires: 25 ans de SIDC (2me partie) F. Clette, D. Berghmans, P. Vanlommel, R.A.M. Van der Linden, A. Koeckelenbergh, L. Wauters, Ciel & Terre 124, 4, 98-109, 2008.

IV. Abstracts of Conference Contributions (sometimes with online proceedings)

1. *On the Photospheric Boundary Conditions of Solar Coronal Loops* (J.P. Goedbloed, G. Halberstadt and R.A.M. Van der Linden, Abstracts of the XVI General Assembly of the European Geophysical Society, Annales Geophysicae, Suppl. 9, C561, 1991).
2. *Edge Modes as ELM events* (W. Kerner, O. Pogutse, R.A.M. Van der Linden, poster on the 6th European Fusion Theory Conference, Utrecht, The Netherlands, 1995).
3. *Movements of the Radiative Zone from Target to X-point in Radiative Divertor Scenarios*, R.A.M. Van der Linden, G.T.A. Huysmans, W. Kerner, R. Reichle and J.A. Wesson, poster on the 6th European Fusion Theory Conference, Utrecht, The Netherlands, 1995).
4. *Current Sheet Formation in Unstable Coronal Loops*, T.D. Arber, A.W. Longbottom, R.A.M. Van der Linden, Poster at the UK Solar Physics Meeting, St. Andrews, UK, 1998.
5. *Methods for a Complete Ideal MHD Stability Analysis of 1D Line-Tied Coronal Loops*, R.A.M. Van der Linden and A.W. Hood, Abstracts of the XXIII General Assembly of the European Geophysical Society, Annales Geophysicae, Suppl. 16, C869, 1998.
6. *Stability and Current Drive in Spheromaks*, P. Browning, D. Brennan, R.A.M. Van der Linden, poster at the *Chapman Conference on Magnetic Helicity in Space and Laboratory Plasmas*, Boulder, USA, July 1998.
7. *Stability Studies and the Origin of the $n=1$ Mode in the SPHEX Spheromak*, D. Brennan, P. Browning, R.A.M. Van der Linden, Abstracts of the IOP Plasma99 Conference, Pitlochry, Scotland, March 29 - April 1, 1999.
8. *The Origin of the $n=1$ Mode in Spheromaks and Spherical Tokamaks with Helicity Injection*, D. Brennan, P. Browning, R.A.M. Van der Linden, Abstracts of the 41st Annual Meeting of the Division of Plasma Physics of the American Physical Society (code DPP99), Seattle, USA, 15-19 November, 1999.
9. *The Role of MHD Instabilities on Open Fieldlines in Helicity Injected Current Drive*, P.K. Browning, D.P. Brennan, R. Van der Linden, poster at the 43rd Annual Meeting of the APS Division of Plasma Physics, Long Beach, California, October 29 - November 2, 2001.
10. *Upcoming Solar monitoring Services at the SIDC on the basis of new Ground-Based and Space Based Data*, David Berghmans, Frederic Clette, Pierre Cugnon, Claire Foullon, Samuel Gissot, Jean-Francois Hochedez, Ronald Van der Linden, Petra Van Lommel, Erwin Verwichte, Laurence Wauters, Andre Zhukov, oral presentation (presented by D. Berghmans) at the ESA Space Weather Workshop: *Space Weather Applications Pilot Project*, ESTEC, Noordwijk, The Netherlands, 16-18 December 2002.
11. *International Space Environment Service*, D.H. Boteler, H.Lundstedt, J. Kunches, H. Coffey, J. King, G. Nelson, R. Thomson, R. Van der Linden, R.L. Coles, H.-L. Lam H. Wang, D. Buresova, R.S. Dabas, T. Kikuchi, I. Staniskawska, S.I. Avdyushin, P.M. Svidsky, A. Blusson, oral presentation (presented by D.H. Boteler) at the Nato Advanced Research Workshop *Effects of Space Weather on Technology Infrastructure*, Rhodes, 25-29 March 2003.
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