

Liste des publications d'Etienne Pariat

(Mise à jour: 12/02/15)

Soumis

- [1] **E. Pariat**, G. Valori, P. Démoulin, K. Dalmasse
"Testing magnetic helicity conservation in a solar-like active event"
A&A, soumis

2015

- [2] **E. Pariat**, K. Dalmasse, C. R. DeVore, S.K. Antiochos, J. Karpen
"A model for straight and helical solar jets: I. Parametric studies of the magnetic field geometry"
Astronomy & Astrophysics, Volume 573, id.A130, 15 pp.

2014

- [3] B. Schmieder, V. Archontis, **E. Pariat**
"Magnetic Flux Emergence Along the Solar Cycle"
Space Science Reviews, Online First.
- [4] L. van Driel-Gesztelyi, D. Baker, T. Török, **E. Pariat**, L. Green, D. Williams, J. Carlyle, G. Valori, P. Démoulin, B. Kliem, D. Long, S. Matthews, J.-M.. Malherbe
"Coronal Magnetic Reconnection Driven by CME Expansion---the 2011 June 7 Event"
ApJ, Volume 788, Issue 1, 85, 12 pp., 2014
- [5] M. Janvier, G. Aulanier, V. Bommier, B. Schmieder, P. Démoulin & **E. Pariat**
"Electric Currents in Flare Ribbons: Observations and Three-dimensional Standard Model"
ApJ, Volume 788, Issue 1, 60, 11 pp., 2014
- [6] J. Zhao, H. Li, **E. Pariat**, B. Schmieder, Y. Guo & T. Wiegmann
"Temporal Evolution of the Magnetic Topology of the NOAA Active Region 11158"
ApJ, Volume 787, Issue 1, 88, 12 pp., 2014
- [7] K. Dalmasse, **E. Pariat**, P. Démoulin & G. Aulanier
"Photospheric injection of magnetic helicity: connectivity--based flux density method"
Sol. Phys., Volume 289, pp.107-136, 2014

2013

- [8] Y. Guo, M. D. Ding, X. Cheng, J. Zhao, **E. Pariat**
"Twist accumulation and topology structure of a solar magnetic flux rope"
ApJ., Volume 779, Issue 2, 157, 13 pp., 2013
- [9] K. Dalmasse, **E. Pariat**, G. Valori, P. Démoulin & L. Green
"First observational application of a connectivity-based helicity flux density"
A&A, Volume 555, id.L6, 4 pp., 2013
- [10] M. Janvier, G. Aulanier, **E. Pariat** & P. Démoulin

"The standard flare model in three dimensions. III. Slip-running reconnection properties."

A&A, Volume 549, id.A66, 7 pp., 2013

- [11] G. Valori, P. Démoulin, **E. Pariat** & S. Masson
"Accuracy of Magnetic Energy Computations"
A&A, Volume 553, id.A38, 14 pp., 2013
- [12] G. Aulanier, P. Démoulin, C. J. Schrijver, M. Janvier, **E. Pariat** & B. Schmieder
"The standard flare model in three dimensions. II. Upper limit on solar flare energy"
A&A, Volume 549, id.A66, 7 pp., 2013

2012

- [13] H. Reid, N. Vilmer, G. Aulanier & **E. Pariat**
"X-ray and ultraviolet investigation into the magnetic connectivity of a solar flare"
A&A, Volume 547, id.A52, 8 pp., 2012
- [14] G. Valori, P. Démoulin & **E. Pariat**
"Comparing Values of the Relative Magnetic Helicity in Finite Volumes"
Sol. Phys., Volume 278, Issue 2, pp.347-366, 2012
- [15] A. Savcheva, **E. Pariat**, A. van Ballegoijen, G. Aulanier & E. DeLuca
"Sigmoidal Active Region on the Sun: Comparison of a MHD Simulation and a Non-Linear Force-Free Field Model"
ApJ, Volume 750, Issue 1, 15, 20 pp., 2012
- [16] **E. Pariat** & P. Démoulin
"Estimation of the squashing degree within a three-dimensional domain"
A&A, Volume 541, A78, 8 pp., 2012
- [17] S. Masson, G. Aulanier, **E. Pariat**, & K.-L. Klein
"Interchange Slip-Running Reconnection and Sweeping SEP Beams"
Solar Physics, Volume 276, Issue 1-2, pp. 199-217, 2012

2011

- [18] C. J. Schrijver, G. Aulanier, A. Title, **E. Pariat**, & C. Delannée
"The 2011 February 15 X2 Flare, Ribbons, Coronal Front, and Mass Ejection: Interpreting the Three-dimensional Views from the Solar Dynamics Observatory and STEREO Guided by Magnetohydrodynamic Flux-rope Modeling "
ApJ, volume 738, 167, 2011
- [19] R. Chandra, B. Schmieder, C. Mandrini, P. Démoulin, **E. Pariat**, T. Török & W. Uddin
"Homologous Flares and Magnetic Field Topology in Active Region NOAA 10501 on 20 November 2003"
Sol. Phys., volume 269, pp.83-104, 2011
- [20] T. Török, R. Chandra, **E. Pariat**, P. Démoulin, B. Schmieder, G. Aulanier, M. Linton & C. Mandrini.
"Filament Interaction Modeled by Flux Rope Reconnection"
ApJ, volume 728, 65, 2011

- [21] P. Romano, **E. Pariat**, M. Sicari, & F. Zuccarello,
"A solar eruption triggered by the interaction between two magnetic flux systems with opposite magnetic helicity"
A&A, volume 525, A13, 2011

2010

- [22] L. Rachmeler, **E. Pariat**, C. DeForest, S. K. Antiochos, T. Török
"Symmetric coronal jets: a reconnection-controlled study"
ApJ, volume 715, pp. 1556-1565, 2010
- [23] **E. Pariat**, S. K. Antiochos, R. C. DeVore ;
"Three dimensional modeling of quasi-homologous solar jets"
ApJ, volume 714, pp. 1762-1778, 2010
- [24] R. Chandra, **E. Pariat**, B. Schmieder, C. Mandrini, W. Udin
"How can a negative magnetic helicity active region generate a positive helicity magnetic cloud?"
Solar Physics, volume 261, pp.127-148, 2010

2009

- [25] **E. Pariat**, S. Masson, G. Aulanier
"Current build-up in emerging serpentine flux tube"
ApJ, volume 701, pp. 1911-1921, 2009
- [26] S. Masson, **E. Pariat**, G. Aulanier, K. Schrijver
"The nature of flare ribbons in coronal null-point topology"
ApJ, volume 700, pp. 559-578, 2009
- [27] **E. Pariat**, S. K. Antiochos, R. C. DeVore ;
"A model for solar polar jets"
ApJ, volume 691, pp. 61-74, 2009.

2008

- [28] S. Patsourakos, **E. Pariat**, A. Vourlidas, S. Antiochos, R. Howard, D. Moses, J. Wuelser ;
"STEREO/SECCHI observations constraining the initiation of polar coronal jets"
ApJL, Volume 680, pp. L73-L76, 2008.

2007

- [29] **E. Pariat**, B. Schmieder, A. Berlicki, Y. Deng, N. Mein, A. Lopez Ariste, S. Wang
"Spectrophotometric analysis of Ellerman bombs in the Ca II, H α and UV range"
A&A, Volume 473, pp.279-289, 2007.

2006

- [30] G. Aulanier, **E. Pariat**, P. Démoulin, C. DeVore ;
"Slip-running reconnection in quasi-separatrix layers"
Solar Physics, Volume 238, pp. 347-376, 2006.

- [31] C. Mandrini, B. Schmieder, P. Démoulin, E. Deluca, **E. Pariat**, W. Uddin;
"Companion event and precursor of the X17 flare on 28 October, 2003"
 Solar Physics, Volume 238, pp. 293-312 2006.
- [32] **E. Pariat**; A. Nindos; P. Démoulin, M. Berger
"What is the spatial distribution of magnetic helicity injected in a solar active region ?"
 A&A, Volume 452, pp. 623-630, 2006.
- [33] P. Démoulin, **E. Pariat**, M. Berger
"Basic properties of mutual magnetic helicity"
 Solar Physics, Volume 233, pp. 3-27, 2006.

2005

- [34] G. Aulanier, **E. Pariat**, P. Démoulin
"Current sheet formation in quasi-separatrix layers and hyperbolic flux tubes"
 A&A, Volume 444, pp. 961-976, 2005.
- [35] **E. Pariat**, P. Démoulin, M. Berger
"Photospheric flux density of magnetic helicity"
 A&A, Volume 439, pp. 1191-1203, 2005.

2004

- [36] **E. Pariat**, G. Aulanier, B. Schmieder, M. Georgoulis, D. Rust, P. Bernasconi
"Resistive Emergence of Undulatory Flux Tubes",
 ApJ, Volume 614, pp. 1099-1112, 2004.

Communications orales invitées :

2013

- [1] **E. Pariat**, A. Savcheva, M. Janvier, S. Masson, G. Aulanier, H. Reid
"How numerical simulations allow us to interpret the dynamics of UV and X-ray emissions during a solar flare"
 14th European Solar Physics Meeting, Dublin, Irlande, Septembre 2014
- [2] **E. Pariat**, B. Schmieder, G. Aulanier, P. Démoulin, S. Masson, J. Leake, M. Linton,
 J. Zhao, H. Li
"Magnetic Topology of Emerging Flux Regions"
 40th COSPAR Scientific Assembly, Moscou, Russie, Aout 2014

2013

- [3] **E. Pariat**
"Chromospheric and coronal jets: triggering and driving processes"
 Hinode 7th Meeting, Takayama, Japon, Novembre 2013
- [4] **E. Pariat**, S. Masson, G. Aulanier, H. Reid

"Interpretation of Ultraviolet & X-ray emissions during solar flares using magnetohydrodynamics models and numerical simulations"
IGA 2013, Merida, Mexique, Aout 2013

2012

- [5] **E. Pariat**
"Current Knowledge on Solar Flare Prediction one Week ahead of the 21/12/12 Doom Eruption"
Elbereth 2012, 5th Conférence des étudiants en Astronomie & Astrophysique d'Ile de France, Paris, Décembre 2012
- [6] **E. Pariat**, G. Aulanier, S. Masson, A. Savcheva, P. Démoulin, H. Reid, M. Janvier
"The importance of complex topologies for magnetic reconnection"
Workshop du PNST sur la Reconnexion Magnétique, Paris, Septembre 2012
- [7] **E. Pariat**,
"Active Phenomena on the Sun: Observational and Theoretical Aspects"
International School of Astrophysics "F. LUCCHINI", Vulcano, Italie, Sept. 2012.
- [8] **E. Pariat**
"Magnetic Topology of Solar Activity Events"
28th General Assembly of the IAU, Beijing, Chine, Août 2012
- [9] **E. Pariat**, K. Dalmasse, S. K. Antiochos, & C. R. DeVore
"Existence of two MHD reconnection modes in a solar 3D magnetic null point topology"
39th COSPAR Scientific Assembly, Mysore, Inde, Juillet 2012
- [10] **E. Pariat**, S. K. Antiochos, & C. R. DeVore
"Generation of plasma flows and waves during the development of coronal jets"
39th COSPAR Scientific Assembly, Mysore, Inde, Juillet 2012
- [11] **E. Pariat**, A. Savcheva, G. Aulanier, A. van Ballegoijen, E. DeLuca
"Comparison of a Magnetohydrodynamical Simulation and a Non-Linear Force-Free Field Model of a Sigmoidal Active Region"
39th COSPAR Scientific Assembly, Mysore, Inde, Juillet 2012

2011

- [12] **E. Pariat**, B. Schmieder, S. Masson, G. Aulanier
"Resistive magnetic flux emergence and formation of solar active regions"
4th French Chinese Meeting on Solar Physics, Nice, France, Novembre 2011
- [13] **E. Pariat**, S. Masson, G. Aulanier
"MHD modelling of dynamical features"
The Sun 360: Stereo-4/SDO-2/SOHO-25, Christian-Albrechts-Universität, Kiel, Allemagne, Juillet 2011
- [14] **E. Pariat**, S. Masson, G. Aulanier
"Data-driven 3D MHD simulations: energy storage and release in a solar active region"
Journées de la SF2A 2011, Paris, France, Juin 2011
- [15] **E. Pariat**, G. Aulanier, A. Savcheva, S. Masson, P. Démoulin

“Topology of magnetic structures in the solar atmosphere”
4th SOLAIRE Network Meeting, Teistungen, Allemagne, Mai 2011

2010

- [16] **E. Pariat,**
“Generation of solar coronal jets by 3D MHD simulations”
38th COSPAR Scientific Assembly, Brême, Allemagne, Juillet 2010
- [17] **E. Pariat,**
“Resistive emergence of magnetic fields in the solar atmosphere”
EST-FRANCE 2010 workshop, Meudon, France, Mai 2010.
- [18] **E. Pariat,**
“Reconnection without separatrices : theory, simulations & observations”
4th SOLAIRE Postgraduate School, St Andrews, Scotland, Janvier 2010.

2009

- [19] **E. Pariat,** G. Aulanier, S. Masson, T. Török, B. Schmieder, P. Démoulin
“Dynamical evolution of topological structures”
3rd SOLAIRE Network Meeting, Puerto de la Cruz, Tenerife, Espagne,
Novembre 2009.
- [20] **E. Pariat**
“3D Numerical Simulations of the Generation of Coronal Jets”
2009 AOGS Conference, Singapore, Août 2009.

2008

- [21] P. Démoulin, **E. Pariat**
“Modelling and observations of photospheric magnetic helicity”;
37th COSPAR Scientific Assembly, Montreal, Canada, Juillet 2008.
- [22] **E. Pariat**
“Build-up of current sheets in complex topologies by photospheric Driving”
American Geophysical Union spring meeting, Fort Lauderdale, USA, Mai 2008.
- [23] **E. Pariat**
“Rôle du forçage photosphérique à grande échelle pour la reconnexion magnétique et l’activité solaire”
<http://www.ias.u-psud.fr/pnst/OBERNAI/PNSTsession02/O2.2-Pariat.pdf>
Atelier PNST, Obernai, France, Mars 2008

2007

- [24] S. K. Antiochos, **E. Pariat,** R. C. DeVore
“A model for Coronal Hole jets”
AGU Fall Meeting, San Francisco, USA, Décembre 2007.

2005

- [25] **E. Pariat**
Revue : *“Helicity in active regions: theory and measurements”*,

3^{ème} rencontre Franco-Chinoise en Physique Solaire, Shanghai, Chine,
Novembre 2005

http://srg.bao.ac.cn/3rd_Sino_Franco/proceeding/22/PariatE.pdf

Publications dans des revues à comité de lecture de rang B :

2013

- [1] M. Poisson, M. Lopez Fuentes, C.H. Mandrini, P. Démoulin, **E. Pariat**,
"Study of magnetic flux emergence and related activity in active region NOAA 10314"
Advances in Space Research, Volume 51, Issue 10, p. 1834-1841

2012

- [2] M. Poisson, M. Lopez Fuentes, C.H. Mandrini, P. Démoulin, **E. Pariat**,
"Evolution of a very complex active region during the decay phase of Cycle 23"
Comparative Magnetic Minima: Characterizing quiet times in the Sun and Stars,
Proceedings of the International Astronomical Union, IAU Symposium, Volume 286, p. 246-249

2011

- [3] B. Schmieder, P. Démoulin, **E. Pariat**, T. Török, G. Molodij, C. H. Mandrini, S. Dasso, R. Chandra, W. Uddin, P. Kumar, P.K. Manoharan, P. Venkatakrishnan, N. Srivastava
"Actors of the main activity in large complex centres during the 23 solar cycle maximum"
Advances in Space Research, Volume 47, Issue 12, p. 2081-2091

2008

- [4] P. Démoulin, **E. Pariat**
"Modeling and observations of photospheric magnetic helicity";
Advances in Space Research, volume 43, pp. 1013-1031

2007

- [5] B. Schmieder, **E. Pariat**
"Magnetic flux emergence"
Scholarpedia, 2007
http://www.scholarpedia.org/article/Magnetic_Flux_Emergence

- [6] **E. Pariat**, P. Démoulin, A. Nindos
"How to improve the maps of magnetic helicity injection in active regions?" ;
Advances in Space Research, Volume 39, p. 1706-1714, 2007.

2006

- [7] **E. Pariat**, G. Aulanier, B. Schmieder, M. Georgoulis, D. Rust, P. Bernasconi
"Emergence of undulatory magnetic flux tubes by small scale reconnections"
Advances in Space Research, Volume 38, pp. 902-905, 2006.
- [8] B. Schmieder, C. Mandrini, P. Démoulin, **E. Pariat**, A. Berlicki, E. Deluca
"Magnetic reconfiguration before the X 17 Solar flare of October 28 2003"
Advances in Space Research, Volume 37, pp. 1313-1316, 2006.

Articles de Transmission du Savoir

2013

“À la découverte de l'atmosphère solaire”.

Futura-Sciences, Avril 2013

<http://www.futura-sciences.com/magazines/espace/infos/dossiers/d/astronomie-decouverte-atmosphere-solaire-1661/>

2010

“Le Soleil mis à nu : à la poursuite du cycle solaire”

L'Astronomie, Juin 2010

<http://www.saf-lastronomie.com/revue/numeros/201028/index.html>

Conférences de presse / Relation avec les media

2013

“Nouvelle éruption solaire : aucune perturbation forte des systèmes GPS n'est à craindre”.

Interviews pour un article de Clubic, Aout 2013

<http://www.clubic.com/reseau-informatique/actualite-579050-eruption-solaire-cours-important-craindre.html>

“Soleil, ses 5 mystères”.

Interviews pour un article de Science et Vie, Juillet 2013

“Le Soleil a-t'il des trous”.

Interview pour mon Quotidien, Jeudi 20 Juin 2013

2012

“Météorologie de l'espace ”.

Reportage dans l'émission Météo à la carte, France 3

“Eruption du 6 Mars 2011 ”.

Reportage Itélé

<http://www.franceinter.fr/emission-la-tete-au-carre-phares-et-ponts>

2011

“Eruption du 7 juin 2011”.

<http://www.grandpublic.obspm.fr/Une-eruption-spectaculaire>

<http://www.rfi.fr/science/20110608-une-eruption-solaire-pourrait-perturber-reseaux-electriques-satellites-gps>

<http://www.bfmtv.com/video-infos-actualite/detail/eruption-solaire-risque-de-perturbations-1348572/>

<http://www.science.gouv.fr/fr/telesciences/bdd/res/4128/une-eruption-solaire-spectaculaire/>

“Eruption du 15 février 2011”.

<http://www.grandpublic.obspm.fr/Eruption-majeure-sur-le-Soleil>

<http://www.science.gouv.fr/fr/actualites/bdd/res/3924/eruption-majeure-sur-le-soleil-la-plus-forte-depuis-quatre-ans/>

2010

“Lancement du satellite SDO”.

<http://www.franceinter.fr/em/lateteaucarre/88938>

<http://www.lesia.obspm.fr/Lancement-du-satellite-SDO.html>

<http://www.lefigaro.fr/sciences-technologies/2010/02/10/01030-20100210ARTFIG00492-la-nasa-a-rendez-vous-avec-le-soleil-.php>
<http://www.letemps.ch/Page/Uuid/8eef93ce-181c-11df-8d33-be76184ebd58j0>
<http://videos.tf1.fr/jt-we/le-soleil-scrute-de-pres-5690954.html>

2008

“*Twisted magnetic jets!*”, Solar Physic Division American Geophysical Union joint meeting, Fort Lauderdale, FL, USA.

<http://www.nature.com/news/2008/080528/full/news.2008.858.html>
<http://news.nationalgeographic.com/news/2008/06/080603-solar-tornadoes.html>
http://www.sciencenews.org/view/generic/id/32274/title/Twisted_roots_for_solar_jets
<http://dsc.discovery.com/news/2008/05/27/solar-ejection-tornado-02.html>
<http://www.abc.net.au/science/articles/2008/05/28/2258141.htm?site=science&topic=latest>
<http://www.skyandtelescope.com/news/19565819.html>
<http://gazette.gmu.edu/articles/12102/>
http://www.nasa.gov/mission_pages/stereo/news/Solar%20Jets.html

2006

“*Un nouveau concept pour la reconnexion magnétique*”; Semaine de l'Astrophysique Française, Paris, France.

<http://www.obspm.fr/actual/nouvelle/jul06/solar.fr.shtml>

Comptes rendus de conférences :

2012

- a. [“Resistive magnetic flux emergence and formation of solar active regions”](#) **Pariat, E.**; Schmieder, B.; Masson, S.; Aulanier, G., 4th French Chinese Meeting on Solar Physics, Nice, France, Nov. 11”, EAS Publications Series, Volume 55, 2012, pp.115-124.
- b. [“Coronal jets in an inclined coronal magnetic field : a parametric 3D MHD study”](#), Dalmasse, K.; **Pariat, E.**; Antiochos, S. K.; DeVore, C. R.; 4th French Chinese Meeting on Solar Physics, Nice, France, Nov. 11”, EAS Publications Series, Volume 55, pp.201-205, 2012
- c. [“3D MHD Simulation of Current Intensification along Serpentine Emerging Magnetic Fields”](#), **Pariat, E.**; Masson, S.; Aulanier, G. ; 4th Hinode Science Meeting: Unsolved Problems and Recent Insights, ASP Conference series, Vol 455, proceedings of a conference held 11-15 October 2010 in Palermo, Italy. Edited by Luis R. Bellot Rubio, Fabio Reale, and Mats Carlsson. San Francisco: Astronomical Society of the Pacific, p.177, 2012

2011

- d. “Study of solar flares and filament interaction in NOAA 10501 on 20 November, 2003”, Chandra, R.; Schmieder, B.; Mandrini, C. H.; Démoulin, P.; **Pariat, E.**; Török, T.; Aulanier, G.; Uddin, W.; Linton, M. G.; First Asia-Pacific Solar Physics Meeting ASI Conference Series, 2011, Vol. 2, pp 323-329 Edited by Arnab Rai Choudhuri & Dipankar Banerjee
- e. "Solar activity due to magnetic complexity of active regions" Schmieder, Brigitte; Mandrini, Cristina; Chandra, Ramesh; Démoulin, Pascal; Török, Tibor; **Pariat, Etienne**; Uddin, Wahab, Proceedings of the International Astronomical Union 01 August 2010 6 : pp 164-168

2008

- f. [“Magnetic reconnection and particle acceleration initiated by flux emergence”](#), S. Masson, G. Aulanier, **E. Pariat**, K.-L. Klein, C.J. Schrijver ; SF2A-2008: Proceedings of the Annual meeting of the French Society of Astronomy and Astrophysics Eds.: C. Charbonnel, F. Combes and R. Samadi.

2007

- g. [“Computing magnetic energy and helicity fluxes from series of magnetograms”](#), P. Démoulin, **E. Pariat** ; Solar magnetism and dynamics & THEMIS users meeting ; Memorie della Societa' Astronomica Italiana, vol. 78, 136-141, 2007.
- h. [“Spectro-photometry of Ellerman bombs with THEMIS”](#), **E. Pariat**, B. Schmieder, A. Berlicki, A. Lopez Ariste ; Proceeding of the International Conference on "The Physics of

Chromospheric Plasmas", Coimbra, Portugal ; Eds. : P. Heinzel, I. Dorotovic & R. Rutten ; Astronomical Society of the Pacific Conference Series, vol. 368, pp. 253, 2007.

2006

- i. "*A new concept for magnetic reconnection : slip-running reconnexion*", **E. Pariat**, G. Aulanier, P. Démoulin; SF2A-2006: Semaine de l'Astrophysique Française, Paris, France ; Eds. : D. Barret, F. Casoli, T. Contini, G. Lagache, A. Lecavelier & L. Pagani ; EdP-Sciences, Conference Series, pp. 559-562, 2006.
- j. Revue : "*Helicity in active regions: theory and measurements*", **E. Pariat**; Proceeding of the third French-Chinese Meeting on Solar Physics. "Solar Activity : Progress and Prospects", Shanghai, Chine, Eds. : Fang C. Schmieder B. & Ding M., Nanjing University Press, pp. 47-54, 2006.

2005

- k. "*Observation of small scale reconnections during the emergence of undulated flux tubes*", **E. Pariat**; G. Aulanier; B. Schmieder; M. Georgoulis; D. Rust; P. Bernasconi; Proceedings of the International Scientific Conference on Chromospheric and Coronal Magnetic Fields (ESA SP-596), Katlenburg-Lindau, Germany. Eds: D.E. Innes, A. Lagg & S.K. Solanki, Published on CDROM, pp. 34.1-4, 2005.

2004

- l. "*Flux tube emergence, from photosphere to corona*", **E. Pariat**, G. Aulanier, B. Schmieder, M. Georgoulis, D. Rust, P. Bernasconi; SF2A-2004: Semaine de l'Astrophysique Française, Paris, France ; Eds : F. Combes, D. Barret, T. Contini, F. Meynadier & L. Pagani ; EdP-Sciences, Conference Series, pp. 103-107, 2004.

2002

- m. "*Flare Genesis Experiment: magnetic topology of Ellerman bombs*", B. Schmieder, **E. Pariat**, G. Aulanier, M. Georgoulis, D. Rust, P. Bernasconi; The 10th European Solar Physics Meeting : Solar Variability: From Core to Outer Frontiers (ESA SP-506), Prague, République Tchèque; Ed. A. Wilson; ESA Publications Division, pp. 911-914, 2002.
- n. "*Vector magnetic field observations of flux tube emergence*", B. Schmieder, G. Aulanier, **E. Pariat**, M. Georgoulis, D. Rust, P. Bernasconi; Proceedings of the Magnetic Coupling of the Solar Atmosphere Euroconference (ESA SP-505) and IAU Colloquium 188, Santorin, Grèce ; Ed. Sawaya-Lacoste H.; ESA Publications Division ; pp. 575-578, 2002.