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Maxime Le Goff, IR 1 CNRS (*retraité depuis décembre 2010*). Liste des publications

Publications dans revues, accès Web : <https://www.ipgp.fr/~legoff/Download-PDF/>

- 78- Y. GALLET, **M. LE GOFF**. A complementary, two-method spherical approach to direction-based archeomagnetic dating. *Journal of Archaeological Science* 152 (2023) 105743.
- 77- Y. GALLET, **M. LE GOFF**, GENEVEY, A.. Triaxe archeointensity analysis. *Physics of the Earth and Planetary Interiors*, 332? <https://doi.org/10.1016/j.pepi.2022.106924> (2022).
- 76- **M. LE GOFF**, Y. GALLET, WARME, N., GENEVEY, A.. An updated archeomagnetic directional variation curve for France over the past two millennia, following 25 years of additional data acquisition. *Physics of the Earth and Planetary Interiors*, 309 DOI: 10.1016/j.pepi.2020.106592 (2020).
- 75- Y. GALLET, M. FORTIN, A. FOURNIER, **M. LE GOFF**, P. LIVERMORE. Analysis of geomagnetic field intensity variations in Mesopotamia during the third millennium BC with archeological implications. *Earth Planet. Sci. Lett.*, 537:116183. DOI: 10.1016/j.epsl.2020.116183 (2020).
- 74- **M. LE GOFF**, Y. GALLET. On the resolution of regional archaeomagnetism: untangling directional geomagnetic oscillations and data uncertainties using the French archaeomagnetic database for dates between AD 1000 and 1500 as a guide. *Geological Society, London, Special Publications*, 497, <https://doi.org/10.1144/SP497-2019-32> (2019).
- 73- A. GENEVEY, C. PRINCIPE, Y. GALLET, G. CLEMENTE, **M. LE GOFF**, A. FOURNIER, P. PALLECCHI. Refining the high-fidelity archaeointensity curve for western Europe over the past millennium: analysis of Tuscan architectural bricks (Italy). *Geological Society, London, Special Publications*, 497, <https://doi.org/10.1144/SP497-2019-74> (2019).
- 72- S. YUTSIS-AKIMOVA, Y. GALLET, N. PETROVA, S. NOWAK, **M. LE GOFF**. Geomagnetic eld in the Near East at the beginning of the 6th millenniumfBC: Evidence for alternating weak and strong intensity variations. *Physics of the Earth and Planetary Interiors* 282 (2018) 49–59
- 71- VELLA, J., CARLUT, J., VALET, J-P., **M. LE GOFF**, SOLER, V., LOPES F. Remagnetization of lava flows spanning the last geomagnetic reversal. *Geophys. J. Int.* (2017) 210, 1281–1293.
- 70- FAJAL, B., GALLET, Y., LANOS, P., **M. LE GOFF**. Chronologie et mutations fonctionnelles dans la poterie-tuilerie médiévale de la Goulande (La Haute-Chapelle, Orne): Avec une nouvelle datation du site de Saint-Georges-de-Rouelley (Manche). *ArchéoSciences / Journal of Archaeometry* (2017).
- 69- **M. LE GOFF**, Y. GALLET. A reappraisal of instrumental magnetic measurements made in Western Europe before AD 1750: confronting historical geomagnetism and archeomagnetism. *Earth Planets and Space* (2017) 69:32.
- 68- C. COURNÈDE, I. GARRICK-BETHELL, R. S. COE, **M. LE GOFF**, Y. GALLET. Mineralogical changes upon heating in the Millbillillie meteorite: Implications for paleointensity determination in Apollo samples. *C. R. Geoscience* (2016)
- 67- A. GENEVEY, Y. GALLET, S. JESSET, E. THEBAULT, J. BOUILLON, A. LEFEVRE, **M. LE GOFF**. New archeointensity data from French Early Medieval pottery production (6th–10th century AD). Tracing 500 years of geomagnetic field intensity variations in Western Europe. *PEPI* (2016) 257, 205–219
- 66- GALLET, Y., M. M. MONTANA, A. GENEVEY, X. C. GARCIA, E. THEBAULT, A. GOMEZ BACH, **M. LE GOFF**, B. ROBERT, I. NACHASOVA. New Late Neolithic (c. 7000–5000 BC) archeointensity data from Syria. Reconstructing 9000 years of archeomagnetic field intensity variations in the Middle East. *PEPI* (2015)
- 65- ROUZEAU, B., GENEVEY, A., GALLET, Y., **LE GOFF, M.** New Constraints on the Metallurgical Activity at the Morimond Abbey (Haute-Marne) from the Archeomagnetic Analysis of two Excavated Brick Fireplaces. *ArchéoSciences* (2015)
- 64- GALLET. Y., **LE GOFF, M.**, Rehydration and Rehydroxylation in Ancient Ceramics: New Constraints from Mass Gain Analyses Versus Annealing Temperatures. *JACerS*, 98 [9] 2738-2744 (2015. DOI: 10.1111/jace.13674)

- 63- **LE GOFF, M.**, GALLET. Y. Experimental variability in kinetics of moisture expansion and mass gain in ceramics. *JACerS*, 98[2] 398-401 (2015). doi:10.1111/JACE13336
- 62- **LE GOFF, M.**, GALLET. Y. Evidence for complexities in the RHX dating method," *Archaeometry*, 57, 5, 897-910. (2015), doi:10.1111/arc.12137
- 61- R. S. COE, N.A. JARBOE, **M. LE GOFF**, N. PETERSEN, Demise of the rapid-field-change hypothesis at Steens Mountain: The crucial role of continuous thermal demagnetization. *Earth and Planetary Science Letters* 400 (2014) 302–312
- 60- **LE GOFF, M.**, GALLET. Y. Evaluation of the rehydroxylation dating method: Insights from a new measurement device. *Quaternary Geochronology*, 20 (2014) 89-98.
- 59- GALLET, Y., D'ANDREA, M., GENEVEY, A., PINNOCK, F., **LE GOFF, M.**, MATTHIAE, P. Archaeomagnetism at Ebla (Tell Mardikh, Syria). New data on geomagnetic field intensity variations in the Near East during the Bronze Age, *J. Archaeo. Sci.*, 42 (2014) 295-304.
- 58- C. PRINCIPE, S. ARRIGHI, M. DEVIDZE, D. GIORDANO, **M. LE GOFF**, A. GOGUITCHACHVILI, S. LA FELICE, *Archaeomagnetic investigation of late eneolithic furnaces under the ancient Bronze Age village of Croce Di Papa, Nola (Italy)*, *Latinmag Letters*, Volume 3, Special Issue (2013), OC04, 1-3. Proceedings Montevideo, Uruguay.
- 57- GENEVEY, A., GALLET, Y. THÉBAULT, E., JESSET, S. **LE GOFF, M.**, Geomagnetic field intensity variations in western Europe over the past 1100 years. *Geochem. Geophys. Geosyst.*, 2013 14 (8), doi:10.1002/ggge.20165.
- 56- H. ROUVIER, B. HENRY, **M. LE GOFF**. Mise en évidence par le paléomagnétisme de rotations régionales dans la virgation des Corbières : conséquences structurales et métallogéniques. *Bull. Soc. géol. France*, 2012, t. 183, no 5, pp. 409-424.
- 55- TANGUY, J.-C., P. BACHELERY, **M. LEGOFF.**, Archeomagnetism of Piton de la Fournaise: Bearing on volcanic activity at La Réunion Island and geomagnetic secular variation in S..., *Earth Planet. Sci. Lett.* (2011), doi:10.1016/j.epsl.2011.01.019
- 54- S. A. GILDER, EGLI R., HOCHLEITNER R. ROUD S.C., VOLK M.W.R., **LEGOFF M.**, de WIT M. Anatomy of a pressure-induced, ferromagnetic to paramagnetic transition in pyrrhotite: Implications for the formation pressure of diamonds. *JGR*, 2011, 116, B10101.
- 53- HARTMANN G. A., GENEVEY A., GALLET Y., TRINDADE R.I.F., **LEGOFF M**, ETCHEVARNE C., ALFONSO M.C. New historical archeointensity data from Brazil : evidence for a large regional non-dipole field contribution over the past few centuries. *EPSL*, 2011, 306, pp 66–76.
- 52- HARTMANN G. A., GENEVEY A., GALLET Y., TRINDADE R.I.F., ETCHEVARNE C., **LEGOFF M**, NAJJAR C., ALFONSO M.C. Archeointensity in Northeast Brazil over the past five centuries. *EPSL*, 2010, 296, pp 340–352
- 51- SPASSOV, S., J.P. VALET, D. KONDOPOULOU, I. ZANANIRI, L. CASAS, and **M. LEGOFF**, Rock magnetic property and paleointensity determination on historical Santorini lava flows, *Geochem. Geophys. Geosyst.* (2010), 11, Q07006
- 50- VEZZOLI L., PRINCIPE C., MALFATTI J., ARRIGHI S., TANGUY J.-C., **LE GOFF M**. 2009, Modes and times of caldera resurgence: The b10 ka evolution of Ischia Caldera, Italy, from high-precision archaeomagnetic dating. *J. of Volcanology and Geothermal Research* 186, 305.319.
- 49- TANGUY J.-C., **LEGOFF M.**, ARRIGHI S., PRINCIPE C., LADELFA S., PATANÈ G. The History of Italian Volcanoes Revised by Archeomagnetism. *EOS*, Vol. 90, No. 40 , 2009.
- 48- GENEVEY, A., GALLET, Y., ROSEN, J. AND **LE GOFF, M**. Evidence for rapid geomagnetic field intensity variations in Western Europe over the past 800 years from new French archeointensity data. *Earth and Planetary Science Letters*, 284(1-2): 132-143, 2009.
- 47- GALLET, Y, A. GENEVEY, **M. LE GOFF**, N. WARMÉ, J. GRAN-AYMERICH, A. LEFÈVRE, On the use of archeology in geomagnetism, and vice-versa: Recent developments in archeomagnetism, *Comptes Rendus Physique*, Volume 10, Issue 7, 2009, Pages 630-648.
- 46- GALLET, Y., **M. LE GOFF**, A. GENEVEY, J. MARGUERON, AND P. MATTHIAE, Geomagnetic field intensity behavior in the Middle East between similar to 3000 BC and similar to 1500 BC, *Geophysical Research Letters*, 35(2), 2008.
- 45- GILDER, S. A., AND **M. LE GOFF**, Systematic enhancement of titanomagnetite magnetization under pressure, *Geophysical Research Letters*, 35(10), 2008.

- 44- J-C TANGUY, M CONDOMINES, **M LEGOFF**, V CHILLEMI, S LA DELFA, G PATANÈ. Mount Etna eruptions of the last 2,750 years : revised chronology and location through Archeomagnetic and ^{226}Ra - ^{230}Th dating. *Bull Volcanol*, 2007, DOI 10.1007/s00445-007-0121
- 43- G. PLENIER, J.-P. VALET, G. GUÉRIN, J.-C. LEFÈVRE, **M. LEGOFF** AND B. CARTER-STIGLITZ. Origin and age of the directions recorded during the Laschamp event in the Chaîne des Puys (France). *EPSL*, 2007, 259, pp 414–431
- 42- GALLET, Y., **LEGOFF, M.** High-temperature archeointensity measurements from Mesopotamia. *EPSL*, 2006, 241 (2006) 159–173.
- 41- **LEGOFF M.**, DALY L., DUNLOP D. J., PAPUSOI C., Emile Thellier (1904-1987), a pioneer in studies of the "fossil" Earth's magnetic field. in *Historical events and people in aeronomy, geomagnetism and solar-terrestrial physics*, ISSN : 1615-2824, W. Schröder editor. 2006, pp 98-112
- 40- S. A. GILDER, M. LEGOFF, J.-C. CHERVIN. Static stress demagnetization of single and multidomain magnetite with implications for meteorite impacts, 2006, *High Press Res*, 26-4
- 39- Y. CHEN, B. HENRY, M. FAURE, J-F. BECQ-GIRAUDON, J-Y TALBOT, L. DALY, **M. LEGOFF**, New Early Permian paleomagnetic results from the Brive basin (French Massif Central) and their implications for Late Variscan tectonics, 2006, *Int. J. Earth Sc.* DOI 10.1007/s00531-005-0010-5
- 38- Y. GALLET, A. GENEVEY, **M. LE GOFF**, F. FLUTEAU, S. A. ESHRAGHI, Possible impact of the Earth's magnetic field on the history of ancient civilizations, *EPSL*, 2006, 246 (2006) 17–26.
- 37- CARTER-STIGLITZ B., VALET J.-P., **LE GOFF M.**, Constraints on the acquisition of remanent magnetization in fine-grained sediments imposed by redeposition experiments. *EPSL*, 2006, 245 (2006) 427–437
- 36- N. JORDANOVA, D. JORDANOVA, B. HENRY, **M. LE GOFF**, D. DIMOV, T. TSACHEVA, , Magnetism of cigarette ashes, *Journal of Magnetism and Magnetic Materials*. 2006, 301 (2006) 50–66
- 35- ARRIGHI S., TANGUY J.-C., COURTILLOT V. AND **LEGOFF M.** Reply to comment on "Recent eruptive history of Stromboli determined from high-accuracy archeomagnetic dating" by F. Speranza, L. Sagnotti and A. Meloni, 2005, *G. R. L.*, VOL. 32, L23305, doi:10.1029/2005GL023768, 2005
- 34- B. HENRY, D. JORDANOVA, N.I JORDANOVA AND **M. LE GOFF**, Transformations of magnetic mineralogy in rocks revealed by difference of hysteresis loops measured after stepwise heating: theory and case studies, 2005, *Geophys. J. Int.* **162**, 64–78
- 33- S. A. GILDER, **M. LE GOFF**. Pressure dependence on the magnetic properties of titanomagnetite using the reversible susceptibility method. : 2005, : *Frontiers in High Pressure Research : Geophysical Applications*. J. Chen, Y. Wang, T. Duffy, G. Shen, L. Dobrzinetskaya ed.
- 32- P. LANOS, **M. LE GOFF**, M. KOVACHEVA and E. SCHNEPPS. Hierarchical modelling of archaeomagnetic data and curve estimation by moving average technique. *GJI*, 2005, 160, 440-476.
- 31- CI. PRINCIPE, J.-C. TANGUY, S. ARRIGHI, A. PAIOLLI, **M. LE GOFF**, U. ZOPPI. Chronology of Vesuvius' activity from A.D. 79 to 1631 based on archeomagnetism of lavas and historical sources. *Bull. Volcanol.*, 2004, 66, 703-724.
- 30- **M. LE GOFF**, Y. GALLET. A new three-axis vibrating sample magnetometer for continuous high-temperature magnetization measurements : Applications to paleo- and archeointensity determinations. *EPSL*, 2004, 229/1-2 pp. 31-43.
- 29- B. HENRY, H. ROUVIER, **M. LE GOFF**. Using syntectonic remagnetizations for fold geometry and vertical axis rotation : example of the Cévennes border (France). *GJI*, 2004, 157, 1061-1070.
- 28- S. A. GILDER, **M. LE GOFF**, J. PEYRONNEAU, J-C CHERVIN. Magnetic properties of single and multi-domain magnetite under pressures from 0 to 6 GPa. *GRL*, 2004, 31, L10612.
- 27- J-C. TANGUY, **M. LE GOFF** – Distortion of the geomagnetic field in volcanic terrains : an experimental study of the Mount Etna stratovolcano. *PEPI*, 2004, 141, 59-70.
- 26- M. MACOUIN, J.P. VALET, J. BESSE, K. BUCHAN, R. ERNST, **M. LEGOFF**, and U. SCHARER. Low paleointensities recorded in 1 to 2.4 Ga Proterozoic dykes, Superior Province, Canada. *Earth planet. sci. lett.*, vol. 213, pp. 79-95, 2003.

- 25- J-C. TANGUY, **M. LE GOFF**, C. PRINCIPE, S. ARRIGHI, V. CHIEMI, A. PAIOTTI, S. LA DELFA, G. PATANE- Archeomagnetic Dating of Mediterranean Volcanics from the last 2,100 years : validity and limits. *EPSL*, 2003, 211, 111-124.
- 24- **M. L GOFF**, Y. GALLET, A. GENEVEY and N. WARMÉ. On archeomagnetic secular variation curves and archeomagnetic dating. *PEPI*, 2002, 134, 203-201.
- 23- S. A. GILDER, **M. LE GOFF**, J. PEYRONNEAU, J-C CHERVIN. Novel high pressure magnetic measurements with application to magnetite. *G. R. L.*, 2002, 29, 10.
- 22- Y. GALLET, A. GENEVEY, **M. LE GOFF** Three millennia of directional variation of the Earth's magnetic field in Western Europe as revealed by archeological artefacts. *PEPI*, 2002, 131, 81-89.
- 21- B. HENRY, H. ROUVIER, **M. LE GOFF**, D. LEACH, J.-C. MACQUAR, J. THIBIEROZ and M. T. LEWCHUK. – Paleomagnetic dating of widespread remagnetization on the southeastern border of the French Massif Central and implications for fluid flow and MVT mineralization. *Geophys. J. Int.* 2001, 145, 368-380
- 20- H. ROUVIER, B. HENRY, J.-C. MACQUAR, **M. LE GOFF**, J. THIBIEROZ, M. T. LEWCHUK et D. LEACH. – Réaimantation régionale, migration de fluides et minéralisations dans la bordure cévenole (Massif Central, France). – *Bull. de la Soc. Géol. De France*, 2001,.
- 19- B. HENRY, H. ROUVIER, **M. LE GOFF**, A. SMATI, N. HATIRA, E. LAATAR, A. MANSOURI et V. PERTHUISOT - Paleomagnetism as a structural polarity criterion: application to Tunisian diapirs. *Journal Of Structural Geology*, 2000, Vol. 22 (3) pp. 323-334.
- 18- J-C. TANGUY, **M. LE GOFF**, V. CHIEMI, A. PAIOTTI, C. PRINCIPE, S. LA DELFA, G. PATANE- Variation séculaire de la direction du champ géomagnétique enregistrée par les laves de l'Etna et du Vésuve pendant les deux derniers millénaires. *C.R. Acad. Sci. Paris*, 1999, tome 329, série IIa, pp.557-564
- 17- H. ROUVIER, B. HENRY, **M. LE GOFF** - Réponse à la note de Jean-Marie Vila, Mohamed Ben Youssef, Salah Bouhlef, Mohamed Ghanmi, Fébri Kamoun et Bernard Peybernès : Le paléomagnétisme est-il un meilleur outil que la biostratigraphie et la sédimentologie pour fixer la polarité de l'Albien du Nord-Ouest tunisien ? *C.R. Acad. Sci. Paris*, 1999, tome 329, série IIa, pp
- 16- H. ROUVIER, B. HENRY, **M. LE GOFF**, A. SMATI, N. HATIRA, A. MANSOURI, E. LAATAR, J. THIBIEROZ et V. PERTHUISOT - Commentaire sur la note de Vila et al.: Tectonique en radeaux au toit d'un "glacier de sel" sous-marin albien de Tunisie du Nord-Ouest: exemple du secteur minier de Gueum Halfaya. *C. R. Acad. Sci. Paris*, 1999,
- 15- H. ROUVIER, B. HENRY, **M. LE GOFF**, N. HATIRA, E. LAATAR, A. MANSOURI, V. PERTHUISOT et A. SMATI Preuves paléomagnétiques de la non-interstratification des évaporites du Trias dans l'Albien du Maghreb oriental. *C. R. Acad. Sc. Paris*, 1998, 326, 363-368.
- 14- L. DALY and **M. LE GOFF** – An updated and homogeneous world secular variation data base. 1. Smoothing of the archaeomagnetic results. *P.E.P.I.*, 1996, 93, pp 159-190.
- 13- X. QUIDELEUR, J-P. VALET, **M. LE GOFF** and X. BOULDOIRE - Field dependence on magnetisation of laboratory-redeposited deep-sea sediments : First results. *E.P.S.L.*, 1995, Vol 133, No. 3-4, pp 311-325.
- 12- B. HENRY et **M. LE GOFF** - Application de l'extension bivariate de la statistique de Fisher aux données d'anisotropie de susceptibilité magnétique: intégration des incertitudes de mesure sur l'orientation des directions principales. *C. R. Acad. Sc. Paris*, 1995, 320, II: 1037-1042.
- 11 J.-P. LEGRAND, **M. LE GOFF**, C. MAZAUDIER, W. SCHRODER – Solar and auroral activities during the seventeenth century., *Acta Geod. Geoph. Mont. Hung.*, 1992, 27 (2-4), pp 251-282.
- 10- **M. LE GOFF**, B. HENRY et L. DALY - Practical method for drawing VGP paths. *Phys. Earth Planet. Int.* 1992, 70: 201-204.
- 9- J.-P. LEGRAND, **M. LE GOFF** – Les observations météorologiques de Louis Morin. Météorologie Nationale, *Monographie N°6*, 1992, 2 volumes.
- 8- J.-P. LEGRAND, **M. LE GOFF**, C. MAZAUDIER, W. SCHRODER – L'activité solaire et l'activité aurorale au XVIIIème siècle. *La Vie des Sciences, Comptes rendus, Série Générale*, 1991, 8, n°3, pp 181-219.

- 7- **M. LE GOFF** – Lissage et limites d'incertitude des courbes de migration polaire : pondération des données et extension bivariate de la statistique de Fisher. *C. R. Acad. Sc. Paris*, 1990, 311, II, pp1191-1198.
- 6- J.-P. LEGRAND, **M. LE GOFF**, C. MAZAUDIER – On the climatic changes and the sunspot activity during the XVIIth century. *Annales Geophy*, 1990, 8, (10), pp 637-644.
- 5- J.-P. LEGRAND, **M. LE GOFF** – L'activité des savants pendant la Révolution Française. Legrand et Le Goff, auto-éditeurs, 1989, 230 pages, (épuisé).
- 4- J.-P. LEGRAND, **M. LE GOFF** – Louis Morin et les observations météorologiques sous Louis XIV. La Vie des Sciences, *Comptes rendus, Série Générale*, 1987, 4, n°3, pp 251-281.
- 3- **M. LE GOFF** – Description d'un appareil à désaimanter par champs alternatifs ; élimination de l'aimantation anhystérétique parasite. *Canad. J. Earth Sci.*, 1985, 22, 1740-1747.
- 2- I. BUCUR, L. LANGOUET, **M. LE GOFF** et J.-P. POZZI - Apport de l'archéomagnétisme dans l'étude de la technologie de briquetages. *Revue d'Archéométrie*, 1977, n°1, 135-148.
- 1- **M. LE GOFF** – Inductomètre à rotation continue pour la mesure de faibles aimantations rémanentes et induites en magnétisme des roches, 1975, Mémoire d'ingénieur CNAM, Paris.
- 0- J.-P. POZZI, A. GODEFROY et **M. LE GOFF** – Sur un dispositif de mesure d'aimantations rémanentes et induites de corps très faiblement magnétiques sous pression, *C.R.A.S.*, 1970, t. 271, p. 188-190.

Dont publications extérieures au Paléomagnétisme

- J.-P. LEGRAND, **M. LE GOFF** – Les observations météorologiques de Louis Morin. *Météorologie Nationale, Monographie N°6*, 1992, 2 volumes.
- J.-P. LEGRAND, **M. LE GOFF**, C. MAZAUDIER, W. SCHRODER – Solar and auroral activities during the seventeenth century, *Acta Geod. Geoph. Mont. Hung.*, 1992, 27 (2-4), pp 251-282.
- J.-P. LEGRAND, **M. LE GOFF**, C. MAZAUDIER, W. SCHRODER – L'activité solaire et l'activité aurorale au XVIIIème siècle. *La Vie des Sciences, Comptes rendus, Série Générale*, 1991, 8, n°3, pp 181-219.
- J.-P. LEGRAND, **M. LE GOFF**, C. MAZAUDIER – On the climatic changes and the sunspot activity during the XVIIth century – *Annales Geophy*, 1990, 8, (10), pp 637-644.
- J.-P. LEGRAND, **M. LE GOFF** – L'activité des savants pendant la Révolution Française. Legrand et Le Goff, auto-éditeurs, 1989, 230 pages, (épuisé).
- J.-P. LEGRAND, **M. LE GOFF** – Louis Morin et les observations météorologiques sous Louis XIV. *La Vie des Sciences, Comptes rendus, Série Générale*, 1987, 4, n°3, pp 251-281.

Communications (plus à jour ...)

- LE GOFF, M.**, GILDER, S.; Magnetic Properties of Magnetite and Titanomagnetite Under Pressures 0 to 6 GPa: Implications for Earthquake Prediction. AGU, San Francisco, 2004.
- GALLET, Y, **LE GOFF, M.**, A new three-axis vibrating sample magnetometer for continuous high-temperature magnetization measurements: Applications to paleo- and archeointensity determinations. AGU, San Francisco, 2004.
- CARTER-STIGLITZ, B.; VALET, J-P; **LEGOFF, M.** Experimental determination of (p)DRM lock-in, EUG, Nice, 2004.
- WARMÉ, N.; GALLET, Y.; **LE GOFF, M.**; GENEVEY, A. Potential of archeomagnetism as a dating tool for archeology: examples from France, EUG, Nice, 2004.
- A. GENEVEY, Y. GALLET et **M. LE GOFF**. Archeomagnetic description of the secular variation of the Earth's magnetic field in Western Europe over the past 3000 years. 8th SEDI, Tahoe city, 2002.
- S. A. GILDER, **M. LE GOFF**, P. BESSON, J. GLEN, J. PEYRONNEAU and J-C CHERVIN. Magnetic properties of iron at high pressures. 8th SEDI, Tahoe city, 2002.
- M. LEWCHUK, H. ROUVIER, B. HENRY, **M. LE GOFF** and D. Leach. - paleomagnetism of carbonates and Pb/Zn mineralization in southern France. XXII UGGI Gener. Assemb., Birmingham, 1999.

- H. ROUVIER, B. HENRY et **M. LE GOFF** - Structural reconstruction at an intermediate stage of deformation using remagnetization. XXII UGGI Gener. Assemb., Birmingham, 1999.
- C. PRINCIPE, A. PAIOTTI, J-C. TANGUY, **M. LE GOFF** - Archéomagnétisme et chronologie des éruptions du Vésuve. Bull. Soc. Volc. N° 44, 1998.
- M. LE GOFF** , M. KOVACHEVA, P. LANOS AND L. DALY. Comparison of three smoothing algorithms performed on the eight millenium archaeomagnetic data from Bulgaria. E. G. S. , XXIII General Assembly, Nice 1998.
- M. LE GOFF** AND L. DALY. Statistical analysis of the archaeomagnetic world data ; smoothing of the secular variation curves. Poster, XXII EGS Gener. Assemb., Vienne, 1997.
- H. ROUVIER, B. HENRY et **M. LE GOFF** - Regional remagnetization and ore deposits in the southern border of the French Massif Central. New Trend in Geomagnetism, Geologica Carpathica, Bratislava, 1996.
- B. HENRY et **M. LE GOFF** - Application of the bivariate extension of the Fisher's statistics to integration of uncertainties on orientation measurement of the principal directions of magnetic anisotropy. XXI UGGI Gener. Assemb., Boulder, Colorado, 1995.
- H. ROUVIER, B. HENRY et **M. LE GOFF** - Regional remagnetization and Mesozoic levels containing "Mississippi Valley Type" deposits: the southern border of the French Massif Central. XXI UGGI Gener. Assemb., Boulder, Colorado, 1995.
- B. HENRY et **M. LE GOFF** - Application of the bivariate extension of the Fisher's statistics to magnetic susceptibility anisotropy data: integration of uncertainties on orientation measurement of the principal directions. Colloque "New Trends in Geomagnetism", Trest (République Tchèque), 1994.
- B. HENRY et **M. LE GOFF** - A new tool for paleomagnetic interpretation: the bivariate extension of the Fisher statistics. XIX EGS Gener. Assemb., Grenoble, 1994.
- M. LE GOFF**, B. HENRY et L. DALY - Polar wander path and its confidence limit determined using data weighting and bivariate extension of the Fisher distribution. XXth Gen. Assemb. IUGG, Wien, 1991.
- M. LE GOFF**, B. HENRY and L. DALY - Analyse statistique bivariate de données directionnelles et applications géophysiques et géologiques. Séance. spéc. Soc. Géol. France, Paris, 1991.
- M. LE GOFF**, B. HENRY et L. DALY - Practical method for drawing VGP paths. Symposium "Rock magnetism, palaeomagnetism and databases usage", Bechyne (Tchécoslovaquie), 1990.