

**Publications 2005-2008 /
LNCMP**

ACL : Articles dans des revues internationales ou nationales avec comité de lecture

2005-ACL-001	Field-induced spin density wave in (TMTSF) ₂ NO ₃ <u>D. Vignolles</u> , <u>A. Audouard</u> , <u>M. Nardone</u> , <u>L. Brossard</u> , S. Bouguessa and J.M. Fabre, Phys. Rev. B 71 020404(R) (2005)
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2005-ACL-003	Exchange anisotropy in Co/NiO bilayers: time-dependent effects D. Hrabovsky, B. Diouf, L. Gabillet, <u>A. Audouard</u> , A. R. Fert and J. F. Bobo Eur. Phys. J. B 45 , 273 (2005).
2005-ACL-004	Magnetic oscillations in a two-dimensional network of compensated electron and hole orbits <u>A. Audouard</u> , <u>D. Vignolles</u> , <u>E. Haanappel</u> , I. Sheikin, R. B. Lyubovskii and R. N. Lyubovskaya Europhys. Lett. 71 783 (2005).
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2005-ACL-010	Cellular disorders induced by high magnetic fields O.Valiron, L. Peris, <u>G. Rikken</u> , A. Schweitzer, Y.Saoudi, C. Remy and D. Job J.of Mag. Res. Im. 22 , 334 (2005)
2005-ACL-011	Upper Critical Fields up to 60 T in Dirty Magnesium Diboride Thin Films C.Ferdeghini, V.Ferrando, C.Tarantini, E.Bellingeri, D.Marr ^Š , M.Putti, P.Manfrinetti, A.Pogrebnyakov, J.M. Redwing, X.X. Xi, R.Felici and <u>E.Haanappel</u> IEEE Transactions on Applied Superconductivity 15 , 3234 (2005)

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2007-INV-023	Hansel Stefan , Von Ortenberg Michael, Kirste Alexander, Richter Bettina, Portugall Oliver , Rikken Geert , Durantel Florent . "MegaGauss @ EuroMagNET", presentation orale invité, EuroMagNET User Meeting, 22./23.10.2007 Nijmegen, Pays-Bas
2007-INV-024	Latyshev Yu.I ¹ , A.P. Orlov ¹ , P. Monceau ² , Th. Fournier ² , E. Mossang ³ , D. Vignolles ⁴ . Enhancement of Peierls transition temperature in NbSe ₃ by high magnetic field. International School, "Magnetic field for science" – Août 2007
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2007-INV-026	Levallois J. , Proust C. , N. Doiron-Leyraud, D. LeBoeuf, N.E. Hussey, R. Liang, D.A. Bonn, W.N. Hardy, L. Taillefer. "Quantum oscillations and the Fermi surface in underdoped high-Tc superconductors" "EuroMagNET Summer School, Cargèse 27 August-7 september 2007"
2007-INV-027	Proust C. « La surface de Fermi des supraconducteurs à haute température critique ».

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2007-INV-028	Proust C., J. Levallois , N. Doiron-Leyraud, , D. LeBoeuf, N.E. Hussey , R. Liang, D.A. Bonn, W.N. Hardy, L. Taillefer, " Fermi surface of underdoped cuprate revealed by quantum oscillations and Hall effect". "Canadian Institute for Advanced Research" meeting of the Quantum Materials Program, Montréal, Canada (octobre 2007)
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2007-INV-030	Raquet B. Aharonov-Bohm conductance modulation in Ballistic Carbon Nanotubes, International Winter School on the Electronic Properties of Novel Materials. IWEPNM2007 , Kirchberg – Autriche Mars 2007
2007-INV-031	Rikken G.L.J.A Light scattering in magnetic fields, IMCODE Council meeting, Grenoble 20/12/2007
2007-INV-032	Rikken G.L.J.A Magnetic fields and chirality; 'Chirality at the Nanoscale', Sitges 17-21 september 2007
2007-INV-033	Rikken G.L.J.A Magneto-optics and symmetry; EuroMagNET School, Cargèse 27 August-7 september 2007
2007-INV-034	Rikken G.L.J.A Magneto-optics and symmetry; invited to INLN, Nice 14 december 2007
2007-INV-035	Proust C., J. Levallois , N. Doiron-Leyraud, , D. LeBoeuf, N.E. Hussey , R. Liang, D.A. Bonn, W.N. Hardy, L. Taillefer. Fermi surface of underdoped cuprate revealed by quantum oscillations and Hall effect, invited to the workshop on Properties on High T _c superconductors, Munich, 17-18 dec 2007
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2008-INV-042	<u>Millot M.</u> Photoluminescence under high pressure and high magnetic field. Ecole Normale Supérieure, Lyon, France, November 2008.
2008-INV-043	<u>Millot M.</u> Photoluminescence under high pressure and high magnetic field. Grenoble High Magnetic Field Laboratory, Grenoble, France, May 2008.
2008-INV-044	<u>Millot M.</u> Physics under pulsed magnetic field up to 60 T. Universidad Federal do Ceara, Fortaleza, Brazil, July 2008.
2008-INV-045	<u>Portugall O.</u> General overview over investigations on low-dimensional carbon-based materials in magnetic fields above 50 T. 18th Int. Conf. on High Magnetic Fields in Semiconductor Physics. Estancia de Sao Pedro, Brazil, 3.-8.8.2008
2008-INV-046	<u>Proust C.</u> , invited speaker. APS March Meeting New Orleans (march 2008). Fermi surface of underdoped cuprates revealed by quantum oscillations and Hall effect.
2008-INV-047	<u>Proust C.</u> , invited speaker. Swiss Physical Society meeting, Genève (march 2008). Fermi surface of underdoped cuprates revealed by quantum oscillations and Hall effect.
2008-INV-048	<u>Rikken G.L.J.A.</u> Big news from big machines, magnetism in high magnetic fields, invited to JEMS08, Dublin 17/09/08
2008-INV-049	<u>Rikken G.L.J.A.</u> High magnetic field facilities in Europe, invited to Physique en champ intense, SFP colloque 24/10/2008
2008-INV-050	Thilly L., <u>Lecouturier F.</u> , Renault P.O., Van Swygenhoven H. Plasticité des fils nanocomposites CuNb hyperdéformés : simulation et déformation in-situ sous neutrons et RX. Colloque Plasticité 2008, 10-12 Mars 2008, Nancy
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