

PUBLICATIONS DU LABORATOIRE
DE GENIE DE LA CONCEPTION – LGECO
2007- 2008 – 2009 – 2010 - 2011

Equipe LICIA

(ACL) Articles dans des revues internationales ou nationales avec comité de lecture répertoriées par l'AERES ou dans les bases de données internationales (ISI Web of Knowledge, Pub Med...)

ACL1 -	Bulley, A., De Bertrand De Beuvron, F., Rousselot, F. (2007); <i>A substance-field ontology to support the TRIZ thinking approach; <u>International Journal of Computer Aided Technology</u>: special issue Computer Aided Innovation 30(1/2): 113-124 (2007)</i>
ACL2 -	Cavallucci, D. , Eltzer, T. (2007); <i>Parameter Network as a mean for Driving Problem Solving Process; International Journal of Computer Application Technology (IJCAT), ISSN : 095268091, 25-136</i>
ACL3 -	Cavallucci, D., Khomenko, N. (2007) <i>From TRIZ to OTSM-TRIZ: Addressing complexity challenges in inventive design; <u>International Journal of Product Development</u>, Volume 4- Issue 1/2 - 2007, ISSN : 1477- 9056.</i>
ACL4 -	Khomenko, N., De Guio R. and Cavallucci D. (2007); <i>Enhancing ECN's abilities to address inventive strategies using OTSM-TRIZ <u>International Journal of Collaborative Engineering</u>, Vol. 1, No. 1/2, 2009, pp 98-113</i>
ACL5 -	Fiala D., Rousselot F. , Jezek K. (2007) <i>PageRank for Bibliographic Networks, <u>Scientometrics</u>, vol. 76, no. 1</i>
ACL6 -	Dubois, S., Lutz, P., Rousselot, F. and Vieux, G. (2007); <i>A model for problems' representation at various generic levels to assist inventive design. <u>International Journal of Computer Applications in Technology</u>, 30(1/2): p. 105-112...</i>
ACL7 -	Khomenko, N., De Guio, R. , Lelait, L., Kaikov, I., (2007) <i>A Framework for OTSM-TRIZ Based Computer Support to be used in Complex Problem Management. <u>International Journal of Computer Applications in Technology</u> - Volume: 30, Issue: 1/2, Pages: 88</i>
ACL8 -	Robin, V., Rose, B. and Girard, P. (2007) <i>Modelling collaborative knowledge to support engineering design project manager; <u>Computers in Industry</u>, Volume 58 , Issue 2 (February 2007).</i>

ACL9 -	Rose, B., Robin, V. and Lombard, M. and Girard., P. (2007) <i>Management of engineering design process in collaborative situation;</i> <u>International Journal of Product Lifecycle Management 2007 - Vol. 2, No.1 pp. 84 - 103..</u>
ACL10 -	Coulibaly, B. Mutel, D. Ait-Kadi (2007) <i>Product Modelling Framework for Behavioural Performance Evaluation at Design Stage. Computers In Industry 58 (2007) 567-577, available online at www.sciencedirect.com</i>
ACL11 -	F. Geiskopf, F. Kiefer, E. Caillaud (2007) <i>Consistency in tool selection for cast milling</i> International Journal of Advanced Manufacturing Technology. Vol. 34 pp. 9-20 Springer Verlag. 2007. Link .
ACL12 -	Guittard C., Cohendet P., Schenk E. (2007) ; <i>Adoption d'outils TIC dans un contexte hiérarchique : le cas des forums Intranet, Revue Française de Gestion, 172, 159–170.</i>
ACL13 -	Sonntag, M. (2007) « <i>La conception au cœur de la formation professionnelle</i> », <u>Les Sciences de l'éducation - Pour l'Ère nouvelle, Vol. 40 n° 3 (2007) pp. 59-78.</u>
ACL14 -	Goepf, V., Kiefer, F. and Avila O. (2008) <i>Information System Design and integrated Enterprise Modelling through a key-problem framework; Computers in Industry (Special Issue on "Enterprise Integration and Interoperability in Manufacturing Systems"), Volume 59, Issue 7, September 2008, Pages 660-671.</i>
ACL15 -	Cavallucci, D., Rousselot F. and Zanni C (2008) <i>Assisting R&D activities definition through problem mapping</i> The CIRP Journal of Manufacturing Systems and Technology (special issue) 2008, Vol 1. No. 2
ACL16 -	Cavallucci D., Rousselot F. and Zanni C.(2008) <i>Linking contradictions and laws of engineering system evolution within TRIZ framework. Creativity and Inovation Management,ISSN 0963-1690, Blackwell Publishing.</i>
ACL17 -	Risser, M. Engel, T. Vasile, C.(2008) <i>Effects of relative orientation of magnetocaloric inserts with the magnetic flux, International Journal of Refrigeration (2008), doi:10.1016/j.ijrefrig.2008.10.011, Elsevier.</i>
ACL18 -	Benlatreche, A., Knittel, D., Ostertag E. (2008); <i>Hinf feedback decentralized control by BMI optimization for large scale web handling systems; Control Engineering Practice (IFAC), vol. 16, Issue 6, pp. 736-750, june 2008</i>
ACL19 -	Claveau, F., Chevrel, P., Knittel, D. (2008); <i>A two degrees of freedom gain scheduled controller design methodology for a</i>

	<i>multi-motors web transport systems</i> ; <u>Control Engineering Practice</u> (IFAC), vol. 16, Issue 5, pp. 609-622, May 2008.
ACL20 -	Doignon C., Knittel D. , Maurice X. (2008) <i>A vision-based technique for the edges displacement and vibrations estimations of a moving flexible web</i> , <u>IEEE Transactions on Instrumentation & Measurement</u> , vol. 27, no. 8, pp. 1605-1613, 2008
ACL21 -	Coulibaly A., Houssin R. , Mutel B. (2008) <i>Maintainability and safety indicators at design stage for mechanical products</i> Computers in Industry, Volume 59, Issue 5, May 2008, Pages 438-449
ACL22 -	Baczkowski, M., Rose, B. , Robin, V., (2008) <i>Capitalisation des connaissances et aide décisionnelle en phase d'industrialisation : le cas de Sony Alsace</i> , <u>Logistique et Management</u> Vol 16, n°1, 2008, pp 89-100
ACL23 -	Barth, M. , Livet, A. and De Guio (2008) <i>Effective activity-based costing for manufacturing enterprises using a shop floor reference model</i> , <u>International Journal of Production Research</u> , Volume 46, Issue 3 February 2008 , pages 621 – 646
ACL24 -	Sokol, A., Oget, D. , Sonntag, M. And Khomenko N. (2008) <i>The development of inventive thinking skills in the upper secondary language classroom</i> ; <u>Thinking Skills and Creativity</u> 3. (2008) 34-46.
ACL25 -	Zwingmann, X., Ait-Kadi, D, Coulibaly, A. Mutel, B. (2008); <i>Optimal Disassembly sequencing strategy using constraint programming approach</i> . <u>Journal of Quality in Maintenance Engineering (JQME)</u> , Vol. 14/1, pp 46-58, 2008, http://www.emeraldinsight.com/10.1108/13552510810861932 ,
ACL26 -	Rasovska I. , Chebel M. ,Brigitte, Zerhouni Nouredine,(2008) A mix method of knowledge capitalization in maintenance, <u>Journal of Intelligent Manufacturing</u> , Vol. 19, N° 3, pp. 347-359, Juin, 2008. http://www.springerlink.com/content/d215194u27m30885/
ACL27 -	Goepp, V. , Kiefer, F. , De Guio, R. , (2008) <i>A proposal for a framework to classify and review contingent information system design methods</i> . <u>Computers & Industrial Engineering</u> , Volume 54, Issue 2, March 2008, Pages 215-228
ACL28 -	C. Zanni-Merk, D. Cavallucci, F. Rousselot (2009) <i>An Ontological Basis for Inventive Design</i> , in <u>Computers in Industry</u> , special issue on “Computer Aided Design” n°60, pp. 563-574
ACL29 -	Dubois S., Eltzer T. and De Guio R. (2009) <i>A dialectical based model coherent with inventive problems and optimization problems</i> <u>Computers in Industry</u> , Vol. 60(8), 2009, pp 575-583

ACL30 -	Khomenko N., De Guio R. and Cavallucci D. (2009) <i>Enhancing ECN's abilities to address inventive strategies using OTSM-TRIZ</i> International Journal of Collaborative Engineering, Vol. 1, No. 1/2, 2009, pp 98-113
ACL31 -	Aguilar, J., Gardoni, M. , (2009) <i>An information system to support problems definition based on technological frames and organisational routines,</i> International Journal of Manufacturing Technology and Management, Vol. 22, No. 3, 2011
ACL32 -	Houssin, R., Gardoni, M. , (2009) <i>Software framework for the approach: Computer Aided Safety Integration in Design process (CASID),</i> Journal of Advanced Manufacturing Systems (JAMS), Vol. 8, N°1 (2009) 1-19
ACL33 -	Geiskopf, F., Goepp, V., Kiefer, F., Caillaud, E. (2009) <i>A problem driven approach to interface manufacturing strategy analysis and manufacturing system design.</i> <u>Computers & Industrial Engineering</u> , Volume 57, Issue 1, August 2009, Pages 355-367
ACL34 -	Avila O, Goepp V, Kiefer F (2009) "Understanding and classifying information system alignment approaches". <i>Journal of Computer Information Systems.</i> Vol. 10, N°1 , pp. 2-14
ACL35 -	Meylheuc L, Goepp V (2009) "Design for manufacture: the case of concurrent mould and part design in injection moulding". <i>International Journal of Design Engineering.</i> Vol. 2, N°4 , pp 432-450 DOI: 10.1504/IJDE.2009.030822
ACL36 -	Vedrine M., Gassmann V., Knittel D. (2009) <i>Moving Web Tension Determination by Out of Plane Vibrations Measurements Using a Laser,</i> IEEE Transactions on Instrumentation & Measurement, vol. 58, no. 1, pp. 207-213, 2009
ACL37 -	Stumpf A., Sonntag M. (2009) ; <i>Les indicateurs temporels du développement professionnel des professeurs des écoles néo-titulaires : entre temporalité institutionnelle et temporalité personnelle ;</i> <u>Question Vives</u> , Vol. 5, n°11, 2009, pp. 177-191.
ACL38 -	Marcandella, E., Durand, MG., Renaud, J. , Boly, V.,(2009) <i>Building a structured past-projects memory : how to select information or knowledge from the early phases of innovative projects.</i> <u>The International Journal of Concurrent Engineering : Research and Applications (CERA)</u> Volume 17, N°3, ISSN 1063-293/X/09/03 0213-12, pp 213-224.

ACL39 -	Ferioli, M., Dekonink, E., Culley, S.J., Roussel, B., Renaud, J. , (2010) “ <i>Understanding and Improving the Evaluation of innovative ideas in the early stages of design</i> ”. Special issue on :”Design and Management within new product development projects”, Inderscience Publishers, International journal of design engineering (IJDE). Vol. 12, N°1, ISSN 14 779056, 17418178, pp. 67-83, 2010.
ACL40 -] Camargo, M., Morel, L., Fonteix, C., Hoppe, S., Hu, G.H., Renaud, J. (2010) “ <i>Development of new concepts for the control of polymerization processes: multiobjective optimization and decision engineering II. Application of a Choquet integral to an emulsion copolymerization process</i> ”. (2011) Journal of Applied Polymer Science, 120 (6), pp. 3421-3434
ACL41 -	Xu, J., Houssin, R., Caillaud, E., Gardoni, M. (2010) <i>Macro process of knowledge management for continuous innovation</i> Journal of Knowledge Management, Vol. 14, n° 4, pp. 573-591, 2010. Link
ACL42 -	C. Ohresser, E. Piquette, N. Gartiser , M. Wintz (2010). « <i>Processus multi-acteurs de constructions d’une éthique environnementale : étude du cas de l’hydrosystème rhénan</i> », Vertigo, Vol 10, n°1, avril. Classement AERES ; http://vertigo.revues.org/9478 ;
ACL43 -	Cavallucci D., Rousselot F. and Zanni C. , (2010); <i>Initial situation analysis through problem graph</i> , CIRP Journal of Manufacturing Science and Technology, Volume 2, Issue 4, 2010, Pages 310-317, ISSN: 1570-5838, ELSEVIER (SNIP : 0.523)
ACL44 -	Zanni C., Cavallucci D. and Rousselot F. (2010) (In press : http://dx.doi.org/10.1016/j.compind.2010.09.007) <i>Use of formal ontologies as a foundation for inventive design studies</i> , Computers in Industry, ISSN: 0166-3615, ELSEVIER. (Impact factor : 1.524)
ACL45 -	Cavallucci D., Leon N. (in press : http://dx.doi.org/10.1016/j.compind.2010.12.011) <i>Computer-supported innovation pipelines: Current research and trends</i> , Computers in Industry, ISSN: 0166-3615, ELSEVIER. (Impact factor : 1.524)
ACL46 -	Cavallucci D. (2010) (in press : http://dx.doi.org/10.1016/j.compind.2010.12.002) <i>A research agenda for computing developments associated with innovation pipelines</i> , Computers in Industry, ISSN: 0166-3615, ELSEVIER. (Impact factor : 1.524)
ACL47 -	Avila O, Goepf V (2010) « <i>Analyse et classification des approches d’alignement TI/business - Contribution à la formalisation des mécanismes sous-jacents</i> ». Ingénierie des systèmes d’information - RSTI série ISI. Vol. 15, N°4 , pp. 11-35

ACL48 -	Risser M., Vasile C. , Engel T., Keith B. , Muller C. ., (2010) <i>"Numerical simulation of magnetocaloric system behaviour for an industrial application"</i> , International Journal of Refrigeration, (Elsevier) Int. J. Refrig. N° 33, pp. 973-981, 2010.
ACL49 -	Xu, R. Houssin, E. Caillaud, M. Gardoni (2011) <i>Fostering continuous innovation in design with an integrated knowledge management approach</i> Computers in industry, Vol 62, n°4, 2011. doi:10.1016/j.compind.2010.12.005
ACL50 -	Schenk E. , Guittard C. (2011) ; <i>Towards a characterization of Crowdsourcing practices</i> , Journal of Innovation Economics, à paraître.
ACL51 -	R. Houssin, A. Coulibaly (2011) <i>An approach to solve contradiction problems for the safety integration in innovative design process.</i> Computers In Industry Vol. 62 n° 4 (may 2011).
ACL52 -	Gassmann V., Knittel D. , Pagilla P. R., Bueno M. A. (2011) <i>Fixed-order Hinf tension control in the unwinding section of a web handling system using a pendulum dancer</i> , <u>IEEE Transactions on Control Systems Technology</u> , accepté pour publication, to appear in 2011, DOI 10.1109/TCST.2011.2107554
ACL53 -	Sonntag, M. (2011) <i>« De l'école à l'entreprise un entre-deux oublié du travail collectif »</i> , <u>Revue Travail et Formation en Education</u> . Article accepté, à paraître 2011.
ACL54 -	Schenk E. , Guittard C. (2011), <i>Towards a characterization of Crowdsourcing practices</i> , Journal of Innovation Economics, 7, pp. 93-107.
ACL55 -	Lerch C., Schenk E. et Cavallucci D. (2011), <i>Emergence d'une fonction d'innovation en PME : le rôle de l'intrapreneur</i> , Management International, à paraître.