

## PUBLICATIONS AVEC ARBITRAGE

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**Hallé, S.** (2008) Membre du comité du suivi de Santé Canada sur la mitigation du Radon dans les bâtiments résidentiels et les grands bâtiments.

**Hallé, S.** (2008) Membre du comité d'évaluation des bourses d'études supérieures du FQRNT, concours A7.

**Hallé, S. & Morency, F. (2008)** Conférencier invité : Comportement aérodynamique et dispersion des nanoparticules, RRSSTQ, 13 novembre 2008.

**Joncas, S. (2008)** Conférencier : 24 heures des sciences.

**Landry, R. J. (2008)** Expert consultant en cour devant juge pour un conflit juridique entre deux entreprises, Janvier et Février 2009.

**Laporte, Claude Y. (2008)** Membre de comités de programmes de conférences : Software Engineering Process Group Conference, Etats-Unis Software Engineering Process Group Conference Latin America International Conference on Software & Systems Engineering and their Applications (Paris).

**Laporte, Claude Y. (2008)** Éditeur du groupe de travail 24 du comité ISO/IEC JTC/SC7 pour le développement de normes pour les très petites structures.

**Laporte, Claude Y. (2008)** Membre du groupe de travail 20 du comité ISO/IEC JTC1/SC7 pour la mise en oeuvre de la nouvelle norme ISO sur la certification des professionnels en TI.

**Laporte, Claude Y. (2008)** Co-président d'un groupe de travail pour le développement de processus d'ingénierie de produits.

**Marchand, F. (2008)** Présentation d'une conférence, Les disques intervertébraux et maux de dos, IRRSST du Québec.

**Morency, F. (2008)** Évaluation d'articles scientifiques pour des revues de conférences.

**Morency, F. (2008)** Membre du comité scientifique international de la conférence AFM 2010.

**Nadeau, S. (2008)** Membre du comité organisateur, du comité scientifique et mentor journée étudiante, Conférence-conjointe CARWH/RRSSTQ, École de technologie supérieure, 15 au 17 juin 2008.

**Noumeir, R. (2008)** Supervision des associés de recherche : Renaud Bérubé et Jean François Pambrun.

**Noumeir, R. (2008)** Révisure pour les revues, Journal of Digital Imaging, Multimedia Tools and Application, Journal on Source Code for Biology and Medicine.

**Noumeir, R. (2008)** Révisure :

- Membre du comité multidisciplinaire chargée d'évaluer les demandes présentées au Fonds des Leaders de la Fondation Canadienne de l'innovation et du gouvernement du Québec.
- demande de subvention pour le *Biomedical and therapeutic research in Scotland*;
- conférence Bio- and Medical Informatics and Cybernetics, BMIC 2009;
- conférence IEEE NEWCAS-TAISA 2009.

**Paquet, M. (2008)** Évaluation d'un (1) article en 2008, pour la revue scientifique International Journal of Production Research.

**Paquet, M. (2008)** Membre du comité scientifique Industrial Engineering and Systems Management, membre de la conférence (IESM) qui a eu lieu à Montréal en mai 2009. Évaluation de cinq (5) articles.

**Paquet, M. (2008)** Évaluateur : Établissement de nouveaux chercheurs (volet individuel), Fonds de recherche sur la nature et les technologies (FQRNT).

**Perraton, D. (2008)** Chercheur-collaborateur–Chaire CRSNG-Industrie du professeur Doré (U. Laval), Collaboration avec les professeurs Doré (civil) et Richard (mécanique) pour recherche interdisciplinaire sur l'interaction charges lourdes/climat/chaussées.

**Pineau, K. (2008)** Membre du comité de programme du volet ACDCA (Austrian Center for Didactics of Computer Algebra) de la conférence TIME-2008 (Technology and its Integration in Mathematics Education) –septembre 2008 en Afrique du Sud.

**Pineau, K. (2008)** Membre du comité de sélection d'un prix du MELS du Québec.

**Sabourin, R.** Conférence internationale :

- (2008) ICFHR2008;
- (2008) Conférence internationale Francophone sur l'écrit et le document;
- (2008) International Joint Conference on Neural Networks;
- (2008) International Conference on Frontiers on Handwriting;
- (2009) International Conference on *Pattern Recognition*;
- (2009) Tenth International Conference on Document Analysis and Recognition;
- (2009) The 13<sup>th</sup> International Conference on Computer Analysis of Images and Patterns.

**Sabourin, R.** (2008) International Journal on Document Analysis and Recognition;

**Sabourin, R.** (2008) Artificial Neural Networks for *Pattern Recognition*;

**Sabourin, R.** Révision d'articles :

- (2008) *Pattern Recognition* (2);
- (2008) Révision d'articles : Information Sciences (1);
- (2009) Révision d'articles : Traitement du Signal (1);
- (2009) Révision d'articles : *Pattern Analysis and Applications* (1).

Balout, B. & Songmene, V. & Masounave, J. (2007) Mise en forme d'un composite à matrice d'aluminium gradué par centrifugation Québec : Les Presses de l'aluminium-PRAL, 1 pages, Journée des étudiants du REGAL, ISBN 978-2-923168-10-4.

**Soulaimani, A.** (2008) Co-organisateur : Symposium international sur les incertitudes en modélisation hydrologique et hydraulique, Montréal, 15-17 octobre 2008.

**Sury, W. & Desharnais, J.-M. & Abran, A. & Rafa, A.** (2008) groupe de travail no. 6 – Mesures de la qualité du logiciel, sous-comité ISO en génie logiciel ISO/IEC JTC1/SC7.

**Thomas, M. & Laville, F.** (2008) Éditeur de la revue internationale sur l'ingénierie des risques industriels (IRI), ETS, Montréal, ISSN 1918-2023 et ISSN 1918-2031.

**Tremblay, C.** (2009) Évaluation externe pour la revue Optical Fiber Technology (Elsevier).

## HONNEURS, MÉRITES ET RECONNAISSANCES EXTERNES

**Bonev, I.** (2008) Editeur associé de IEEE Transactions on Robotics.

**Bouzd, H.** (2008) Conference Award for Outstanding Technical Paper, American Society of Mechanical Engineers.

**Bouzd, H.** (2008) Certificate of Appreciation, American Society of Mechanical Engineers.

**Coallier, F.** (2008) Président ISO/IEC JTC 1/SC7, renouvellement du mandat pour 3 ans.

**de Guise, J.A.** (2008) Modélisation mécanique et géométrique personnalisée de l'appareil locomoteur, Lauréate du prix de cotutelle France-Québec 2008/Lauréate française du prix de la meilleure cotutelle de thèse de doctorat, Consulat de France à Québec, Sudhoff I. École Nationale Supérieure des Arts et Métiers, France – école de technologie supérieure, Canada, Août 2008.

**de Guise, J.A.** (2008) Le centre du genou détient la licence pour le Knee KGTM, Un nouvel appareil issu de technologies développées en collaboration avec le Laboratoire de recherche en imagerie et orthopédie de l'École de technologies supérieure et le Centre de recherche du CHUM, Association de l'industrie des technologies de la santé (AITS), mars 2008..

Tran Nhut Phan, P. & Mezghani, N. & de Guise, J.A. & Labelle, H. (2008) Classification de la scoliose idiopathique de l'adolescent à l'aide de réseaux de neurones et des cartes de kohonen, 29<sup>e</sup> Journée de la recherche du POES, podium.

Tanguay, F. & Mac Thiong, J.M. & Wang, Z. & **de Guise, J.A.** & Labelle, H. (2008) Comment évaluer la sévérité du spondylolisthésis et son impact clinique, Prix Pierre-H. Labelle–Clinique38<sup>e</sup> réunion annuelle de la Société de la scoliose du Québec, Québec (Québec), 6-8 nov. 2008, p. 22.

Fuentes Dupré, A. & **de Guise, J.A.** & **Hagemeister, N.** & Ranger, P. & Heron, T. (2008) Premier Prix- Présentation par affiche : Augmentation du moment adducteur suite à une rupture du LCA : indices sur le développement de l'arthrose, Journée de la recherche du Programme d'orthopédie Édouard-Samson (POES), Montréal, 2008.

Lau, C. & Lessard, S. & Chav, R. & Roy, D. & Soulez, G. & **de Guise, J.A.** (2008) Localisation et reconstruction 3D d'outils lors d'interventions guidées par neuroradiologie angiographique biplan, Prix Relève–Concours Innovation Recherche 2008, Association de l'industrie des technologies de la santé (AITS).

**Dubé, J.-S.** (2008) Donald R. Stanley Award, remis par la Canadian Society for Civil Engineering pour le meilleur article en génie de l'environnement publié par le CNRC en 2007.

**Dubé, J.-S.** (2008) Article de Goutaland et al, couverture de la prestigieuse revue Vadoso Zone Journal, parmi les 3 meilleures au monde en sciences du sol.

**Dubé, J.-S.** Chairman :

- CSCE 2008 Annual General Meeting and Conference, 10<sup>th</sup> Environmental Speciality Conference, Québec, Canada,
- AGU Joint Assembly 2009, Toronto, Canada.
- Colloque de l'AHQ, 76<sup>e</sup> Congrès de l'ACFAS, Québec, Canada.

**Dziong, Z.** (2008) Prix de la divulgation d'invention la plus prometteuse de l'année 2008, A method for dynamic bandwidth allocation in bent-pipe satellite communications networks.

Fuentes, A. & Mezghani, A. & **Hagemeister, N.** & **de Guise, J.** (2008) Classification automatique de données cinétiques 3D provenant de patients ayant une rupture du ligament croisé antérieur et des participants sains, 29<sup>e</sup> Journée de la recherche du POES, podium.

**Landry, R. J.** (2008) Professeur invité à l'Université de Harbin (HEU), Automation College, Professeur invité à l'Université de Harbin, Harbin, Chine.

**Landry, R. J.** (2008) Renouvellement du statut de professeur invité à l'Université Laval, Département des sciences géomatiques, Québec.

**Landry, R. J.** (2008) Membre associé au Centre de Recherche en Géomatique (CRG), Université Laval, Québec.

**Laporte, Claude Y.** (2008) Membre du comité d'experts du Centres d'excellence en commercialisation et en recherche (CERC), concours 2009, du programme des Réseaux de centres d'excellence (RCE) du Canada, mise sur pied d'un Centre d'expertise en santé de Sherbrooke (CESS), mise sur pied d'un "Centre for Convergence of Information and Medical Technologies".

**Noumeir, R.** (2008) Examinatrice externe, jury de doctorat de Monsieur Pascal FALLAVOLLITA, École Polytechnique de Montréal, Montréal, Canada.

**Noumeir, R.** (2008) Conférencière invitée, plénière, The Annual Meeting of the Society for Imaging Informatics in Medicine (SIIM) Delivering Images from the EHR to the Interpretation Process, May 2008, Seattle, États-Unis.

**Perraton, D.** (2008) Membre d'un comité de rédaction d'une revue (Editorial Board member).

**Perraton, D.** (2008) Organisation de conférence internationale–Membre du comité scientifique, RILEM International Symposium on Advanced Testing of Bituminous Materials (ATB), 2 Conférences : 6<sup>th</sup>–Chicago, USA, juin 2008; Rhode, Grèce, mai 2009.

**Petit, Y.** & Bourgeois, Y. (2008) 2<sup>e</sup> prix–Personnalisation d'implants orthopédiques, Concours de vulgarisation scientifique 2009–Journée des portes ouvertes de l'ÉTS, 8 février 2009, Montréal, Canada.

**Petit, Y. & Labelle, Pierre-H.** (2008) 2<sup>e</sup> prix–L'estimation des forces en jeux est nécessaire pour évaluer la flexibilité segmentaire de la colonne vertébrale scoliotique, recherche clinique, 38<sup>e</sup> réunion annuelle de la Société de Scoliose du Québec, 6-8 nov. 2008, Québec, Canada.

**Petit, Y. & Duke, K.** (2008) Meilleure présentation par affiche : Biomechanical Simulation of a Greater Trochanter Fixation System, 8<sup>e</sup> journée de la recherche de l'Hôpital du Sacré-Coeur de Montréal. 20 juin 2008, Montréal, Canada.

**Petit, Y. & Duke, K.** (2008) 2<sup>e</sup> prix–présentations orales, Modèle éléments finis d'un système de fixation du grand trochanter, recherche fondamentale, 28<sup>e</sup> journée de la recherche du POES et de la division d'orthopédie de l'Université de Montréal, 30 mai 2008, Montréal, Canada.

**St-Jacques, M.** (2009) Membre du jury des prix AQTR sécurité routière 2009, Prix remis aux municipalités québécoises qui ont conçu les aménagements routiers les plus sécuritaires sur leurs territoires, Québec, Canada.

**St-Jacques, M.** (2008) Membre du comité organisateur INFRA, Membre du comité INFRA 2008.

**Terriault, P.** (2009), Prix des Titans–Rio Tinto Alcan–Fondation du Centre des sciences de Montréal, Concept d'amortisseur en alliage à mémoire de forme proposant une solution économique pour protéger les bâtiments en cas de tremblement de terre, 12 mars 2009.