



Bouzeran, L., M. Pierce, P. Andrieux, and P. Ferland (2019). *Accounting for Rock Mass Heterogeneity and Buckling Mechanisms in the Study of Excavation Performance in Foliated Ground at Westwood Mine*. In the proceedings of the Deep Mining 2019 Conference (Ninth International Conference on Deep and High Stress Mining, Johannesburg, Republic of South Africa, 24-25 June 2019), 14 pp. Johannesburg: the Southern African Institute of Mining and Metallurgy, 2019.

Andrieux, P. (2017). Respect des limites vibratoires – mesures versus normes (*Respecting Blast-Induced Vibration Limits – Measurements versus Norms* – In French). In the proceedings of the 40<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, November 2017).

Cotesta, L., T. Katsaga, M. Herce, and P. Andrieux (2016). *Evaluation of Ore Pass Stability Subjected to Stope Blast Vibrations*. In the proceedings of the 2016 Maintenance, Engineering and Reliability/ Mine Operators Conference (MEMO 2016, Sudbury, Ontario, Canada, 16-18 October 2016), 11 pp. Montreal: the Canadian Institute of Mining, Metallurgy and Petroleum, 2016.

Furtney, J., P. Andrieux, A. Hall, and C. O'Connor (2016). *Applications for Numerical Modeling of Blast-Induced Rock Fracture*. In the proceedings of the 50<sup>th</sup> U.S. Rock Mechanics/ Geomechanics Symposium of the American Rock Mechanics Association (ARMA'16, Houston, Texas, USA, 26-29 June 2016), 7 pp.

Andrieux, P., J. Furtney, C. O'Connor, and S. Herselman (2016). *Empirical and Numerical Analysis of Sub-Level Caving Ring Blasting*. In the proceedings of the 4<sup>th</sup> Itasca Symposium on Applied Numerical Modelling (Lima, Peru, 07-09 March 2016), 7 pp. Lima: Itasca South America, Ltd., 2016.

Katsaga, T., P. Andrieux, and K. Cymbalisky (2016). *Stability Evaluation of Underground Openings Using a Discrete Fracture Network Engineering (DFNE) Approach*. In the proceedings of the 4<sup>th</sup> Itasca Symposium on Applied Numerical Modelling (Lima, Peru, 07-09 March 2016), 9 pp. Lima: Itasca South America, Ltd., 2016.

Andrieux, P., M. Brossault, C. Darcel, P. Davy, M. Fuenzalida, J. Furtney, T. Garza-Cruz, Y. Han, R. Le Goc, M. Pierce, and F. Zhang (2015). *Recent Advances in the Application of DEM to Fractured Systems*. In the proceedings of the NAFEMS World Congress 2015 (San Diego, California, USA, 21-24 June 2015), 11 pp.

Garza-Cruz, T., M. Fuenzalida, M. Pierce, and P. Andrieux (2014). *A 3DEC-FLAC3D Model to Predict Primary Fragmentation Distribution in Cave Mines*. In "Caving 2014" (Proceedings of the 3<sup>rd</sup> International Symposium on Block and Sublevel Caving, Santiago, Chile, June 2014), 13 pp.

Fuenzalida, M., T. Garza-Cruz, M. Pierce, and P. Andrieux (2014). *Application of a Methodology for Secondary Fragmentation Prediction in Cave Mines*. In "Caving 2014" (Proceedings of the 3<sup>rd</sup> International Symposium on Block and Sublevel Caving, Santiago, Chile, June 2014), 7 pp.



Andrieux, P., W. Blake, D. Hedley, E. Nordlund, D. Phipps, B. Simser, and G. Swan (2013). *Rockburst Case Histories – 1985, 1990, 2001 & 2013*. Published by the Deep Mining Research Consortium / CAMIRO, 340 pp., plus appendices. Sudbury, Ontario, Canada.

Simser, B., and P. Andrieux (2013). *Brunswick Mine*. In the Deep Mining Research Consortium / CAMIRO “Rockburst Case Histories – 1985, 1990, 2001 & 2013” handbook, 30 pp. Sudbury, Ontario, Canada.

Andrieux, P., and A. Hall (2013). Contrôle des murs dans un massif rocheux fortement fracturé (*Wall Control in a Heavily Fractured Rock Mass* – In French). In the proceedings of the 36<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, November 2013).

Brideau, M.-A., S. Chauvin, P. Andrieux, and D. Stead (2012). *Influence of 3D Statistical Discontinuity Variability on Slope Stability Conditions*. In “Landslides and Engineered Slopes: Protecting Society Through Improved Understanding” (proceedings of the 11<sup>th</sup> International Symposium on Landslides of the International Society for Rock Mechanics, Banff, Alberta, Canada, June 2012), pp. 587-593. E. Eberhardt and W. Gibson, Eds. London: Taylor & Francis Group, 2012.

Andrieux, P., J. Hadjigeorgiou, and R. Brummer (2012). *Design of Large-Scale Choked Destress Blasts in Mine Pillars Using the Empirical Destressability Index Methodology*. In the proceedings of the 38<sup>th</sup> Annual ISEE Conference on Explosives and Blasting Technique (Nashville, Tennessee, USA, February 2012), 10 pp.

Andrieux, P., A. Turichshev, L. Cotesta, J. Fedorowich, and R. Brummer (2011). *Explicit Three-Dimensional Analysis of Structurally-Controlled Unravelling in Large Excavations*. In “Continuum and Distinct Element Numerical Modeling in Geomechanics – 2011” (proceedings of the 2<sup>nd</sup> International FLAC/DEM Symposium, Melbourne, Victoria, Australia, February 2011), pp. 341-348. D. Sainsbury *et al.*, Eds. Melbourne: Itasca Australia Pty., Ltd., 2011.

Rose, B., P. Andrieux, C. O’Connor, and M. Verreault (2011). *A Systematic Approach to Rock Mechanics Challenges at Xstrata Zinc Brunswick Mine*. In “Continuum and Distinct Element Numerical Modeling in Geomechanics – 2011” (proceedings of the 2<sup>nd</sup> International FLAC/DEM Symposium, Melbourne, Victoria, Australia, February 2011), pp. 49-57. D. Sainsbury *et al.*, Eds. Melbourne: Itasca Australia Pty., Ltd., 2011.

Andrieux, P., J. Hadjigeorgiou, A. Sampson-Forsythe, B. Simser, A. Turichshev, and R. Brummer (2010). *Recent Case Histories of the Application of the Empirical Destressability Index Methodology*. In “Deep Mining 2010” (proceedings of the 5<sup>th</sup> International Seminar on Deep and High Stress Mining, Santiago, Chile, October 2010), pp. 17-27. M. Van Sint Jan and Y. Potvin, Eds. Santiago: Pontificia Universidad Católica de Chile, 2010.

Andrieux, P., and J. Hadjigeorgiou (2009). Guide de conception pour des sautages confinés à grande échelle de relaxation des contraintes dans des piliers de mines (*Conception Guide for Large-Scale Choked Destressing Blasts in Mine Pillars* – In French). In the proceedings of the 32<sup>nd</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, November 2009).



Andrieux, P., R. Caumartin, H. Li, A. Rispoli, and R. Brummer (2009). ***Rock Mechanics Approach for the Recovery of the Zone G Crown Pillar at the Raglan Katinniq Mine***. In “Rock Engineering in Difficult Conditions” (proceedings of the 3<sup>rd</sup> Canada-US Rock Mechanics / 20<sup>th</sup> Canadian Rock Mechanics Symposium, Toronto, Ontario, Canada, May 2009), 8 pp. G. Grasselli and M. Diederichs, Eds. Toronto: University of Toronto Press, 2009.

Turichshev, A., P. Mercier, R. Harrisson, R. Brummer, and P. Andrieux (2009). ***Instrumentation of a Graphite Zone in the No 3 Shaft at Brunswick Mine***. In “Rock Engineering in Difficult Conditions” (proceedings of the 3<sup>rd</sup> Canada-US Rock Mechanics / 20<sup>th</sup> Canadian Rock Mechanics Symposium, Toronto, Ontario, Canada, May 2009), 8 pp. G. Grasselli and M. Diederichs, Eds. Toronto: University of Toronto Press, 2009.

Turichshev, A., P. Andrieux, R. Harrisson, and P. Mercier (2009). ***Ground Support Audit at Brunswick Mine – Data Collection and Results Management***. In “Rock Engineering in Difficult Conditions (proceedings of the 3<sup>rd</sup> Canada-US Rock Mechanics / 20<sup>th</sup> Canadian Rock Mechanics Symposium, Toronto, Ontario, Canada, May 2009), 9 pp. G. Grasselli and M. Diederichs, Eds. Toronto: University of Toronto Press, 2009.

Andrieux, P. (2008). Création, transmission et divers aspects du comportement des ondes vibratoires (***Creation, Transmission and Various Aspects of the Behaviour of Vibration Waves*** – In French). In the proceedings of the 31<sup>st</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, December 2008).

Brummer, R., and P. Andrieux (2008). ***Risk: Quantitative Decision Making Under Technical Uncertainty – Evaluating Probability of Occurrence and Costs of Failures***. In the proceedings of the 3<sup>rd</sup> International Seminar on Strategic vs. Tactical Approaches in Mining (Quebec City, Quebec, Canada, September 2008), pp. 173-183. J. Hadjigeorgiou, Ed. Quebec: Laval University, 2008.

Andrieux, P., M. Hudyma, C. O’Connor, H. Li, L. Cotesta, and R. Brummer (2008). ***Calibration of Large-Scale Three-Dimensional Non-Linear Numerical Models of Underground Mines Using Microseismic Data***. In “Continuum and Distinct Element Numerical Modeling in Geo-Engineering – 2008” (proceedings of the 1<sup>st</sup> International FLAC/DEM Symposium on Numerical Modeling, Minneapolis, Minnesota, USA, August 2008), pp. 343-350. R. Hart *et al.*, Eds. Minneapolis: Itasca Consulting Group, 2008.

Andrieux, P., and J. Hadjigeorgiou (2008). Guide de conception pour des sautages confinés à grande échelle de relaxation des contraintes dans des piliers de mines (***Design Guidelines for Large-Scale Confined Destress Blasts in Mine Pillars*** – In French). In *Revue SEEQ*, 17(1), pp. 10-18 (April 2008). Reprinted in *CIM Bulletin*, 102(1115), 5 pp. (June/July 2009).

Andrieux, P., and J. Hadjigeorgiou (2008). ***The Destressability Index Methodology for the Assessment of the Likelihood of Success of a Large-Scale Confined Destress Blast in an Underground Mine Pillar***. *Int. J. Rock Mech. & Min.*, 45(3), pp. 407-421 (March 2008).

Andrieux, P., R. Brummer, H. Li, and C. O’Connor (2007). ***Elastic vs. Inelastic Numerical Modelling of Deep and Highly Stressed Mining Fronts***. In “Deep Mining 07” (proceedings of



the 4<sup>th</sup> International Seminar on Deep and High Stress Mining, Perth, Western Australia, Australia, November 2007), pp. 51-64. Y. Potvin, Ed. Perth: Australian Centre for Geomechanics, 2007.

Andrieux, P., J. Hadjigeorgiou, and A. Sampson-Forsythe (2007). *The Destressability Index for the Design of Large-Scale Choked Destress Blasts in Mine Pillars: Application to the Fraser Mine 42-1-080 Destress Blast*. In the proceedings of the 3<sup>rd</sup> International Seminar on Deep and High Stress Mining (Quebec City, Quebec, Canada, October 2006). Reprinted in “Challenges in Deep and High Stress Mining,” pp. 487-493. Y. Potvin, J. Hadjigeorgiou and D. Stacey, Eds. Perth: Australian Centre for Geomechanics, 2007.

Simser, B., P. Andrieux, F. Langevin, T. Parrott, and P. Turcotte (2007). *Field Behaviour and Failure Modes of Modified Conebolts at the Craig, LaRonde and Brunswick Mines in Canada*. In the proceedings of the 3<sup>rd</sup> International Seminar on Deep and High Stress Mining (Quebec City, Quebec, Canada, October 2006). Reprinted in “Challenges in Deep and High Stress Mining,” pp. 347-354. Y. Potvin, J. Hadjigeorgiou and D. Stacey, Eds. Perth: Australian Centre for Geomechanics, 2007.

Andrieux, P. (2006). Géophones vs. Accéléromètres : principes de fonctionnement, applications et limites (*Geophones vs. Accelerometers: Working Principles, Applications and Limits* – In French). In the proceedings of the 29<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, November 2006).

Zhu, H., P. Andrieux, and H. Zhong (2005). *Numerical Methods and Applications for Jointed Rock Masses – Part 2: Applications in Engineering Practice*. *Chinese J. of Rock Mech. and Rock Eng.*, 24(1), pp. 3612-3618, (2005).

Andrieux, P., and R. Brummer (2005). *Theoretical and Practical Considerations on the Performance of Various Shotcrete Applications for Ground Support in Mines*. In the proceedings of the 20<sup>th</sup> Colloquium on Ground Control of the Quebec Mining Association (Val d’Or, Quebec, Canada, March 2005). 11 pp.

Doucet, C., J. Gauthier, P. Andrieux, and C. O’Connor (2005). Extraction du pilier de sole du niveau 680 – Mine Louvicourt (*680 Level Sill Pillar Extraction – Louvicourt Mine* – In French). In the proceedings of the 20<sup>th</sup> Colloquium on Ground Control of the Quebec Mining Association (Val d’Or, Quebec, Canada, March 2005). 10 pp.

Andrieux, P.(2004). Architecture des séismographes d’enregistrement des vibrations de sautage (*Architecture of Blast-Induced Vibration Recording Seismographs* – In French). In the proceedings of the 27<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, October 2004).

Andrieux, P., H. Zhu, D. Labrie, C. Doucet, S. Lampron, and D. Fleury (2004). *Determination and Validation of the Rock Mass Post-Peak Mechanical Properties for a 3DEC Strain-Softening Model of the 680 Sill Pillar at Louvicourt Mine*. In “Numerical Modeling of Discrete Materials in Geotechnical Engineering, Civil Engineering and Earth Science” (proceedings of the 1<sup>st</sup> International UDEC/3DEC Symposium, Bochum, Germany, September 2004), pp. 121-127. H. Konietzky, Ed. Lisse: Balkema, 2004.



O'Connor, C., P. Andrieux, C. Pritchard, and B. Simser (2004). *Numerical Modelling With 3DEC and Risk Assessment for a Geometrically Complex and Highly Stressed Sill Pillar at Onaping Mine*. In "Numerical Modeling of Discrete Materials in Geotechnical Engineering, Civil Engineering and Earth Science (proceedings of the 1<sup>st</sup> International UDEC/3DEC Symposium, Bochum, Germany, September 2004), pp. 89-94. H. Konietzky, Ed. Lisse: Balkema, 2004.

Zhu, H., R. Brummer, and P. Andrieux (2004). *Numerical Methods and Applications for Jointed Rock Masses – Part 1: Approaches and Discussion*. *Chinese J. of Rock Mech. and Rock Eng.*, **23**(20), pp. 3444-3449, (2004).

Andrieux, P., J. Hadjigeorgiou, and R. Brummer (2004). *A Rock Engineering Systems Approach to Destress Rock Blasting*. In the proceedings of the 2<sup>nd</sup> International Seminar on Deep and High Stress Mining (Johannesburg, Republic of South Africa, February 2004), pp. 277-291. Symposium Series S37, published by the SAIM, Johannesburg, 2004. Reprinted in "Challenges in Deep and High Stress Mining," pp. 479-486. Y. Potvin, J. Hadjigeorgiou and D. Stacey, Eds. Perth: Australian Centre for Geomechanics, 2007.

Andrieux, P., R. Brummer, Q. Liu, A. Mortazavi, and B. Simser (2003). *Large-Scale Panel Destress Blast at Brunswick Mine*. *CIM Bulletin*, **96**(1075), pp. 78-87 (November/December 2003).

Andrieux, P., R. Brummer, A. Mortazavi, B. Simser, and P. George (2003). *FLAC Numerical Simulations of Tunnelling Through Paste Backfill at Brunswick Mine*. In "FLAC and Numerical Modelling in Geomechanics – 2003" (proceedings of the 3<sup>rd</sup> International FLAC Symposium, Sudbury, Ontario, Canada, October 2003), pp. 197-204. R. Brummer *et al.*, Eds. Lisse: Balkema, 2003.

Zhu, H., and P. Andrieux (2003). *FISH Functions for FLAC3D Analyses of Irregular Narrow Vein Mining*. In "FLAC and Numerical Modelling in Geomechanics – 2003" (proceedings of the 3<sup>rd</sup> International FLAC Symposium, Sudbury, Ontario, Canada, October 2003), pp. 241-247. R. Brummer *et al.*, Eds. Lisse: Balkema, 2003.

Brummer, R., P. Andrieux, and C. O'Connor (2003). *Stability Analyses of Undermined Sill Mats for Base Metal Mining*. In "FLAC and Numerical Modelling in Geomechanics – 2003" (proceedings of the 3<sup>rd</sup> International FLAC Symposium, Sudbury, Ontario, Canada, October 2003), pp. 189-195. R. Brummer *et al.*, Eds. Lisse: Balkema, 2003.

O'Connor, C., R. Brummer, P. Andrieux, R. Émond, and B. McLaughlin (2003). *FLAC3D Numerical Simulations of Deep Mining at LaRonde Mine*. In "FLAC and Numerical Modelling in Geomechanics – 2003" (proceedings of the 3<sup>rd</sup> International FLAC Symposium, Sudbury, Ontario, Canada, October 2003), pp. 221-231. R. Brummer *et al.*, Eds. Lisse: Balkema, 2003.

Brummer, R., P. Andrieux, C. Detournay, and R. Hart, Eds. (2003). *FLAC and Numerical Modelling in Geomechanics – 2003*. Proceedings of the 3<sup>rd</sup> International FLAC Symposium, Sudbury, Ontario, Canada, October 2003. 343 pp. Lisse: Balkema, 2003.



Andrieux, P., J. Hadjigeorgiou, and R. Brummer (2003). *Rock Engineering Systems and Destress Rock Blasting*. In the proceedings of the 105<sup>th</sup> AGM of the CIM (Montreal, Quebec, Canada, May 2003).

Brummer, R., and P. Andrieux (2002). *A Design Methodology for Destress Blasting*. In “NARMS–TAC 2002: Mining and Tunnelling Innovation and Opportunity,” Vol. 1, pp. 165-172. R. Hammah *et al.*, Eds. Toronto: University of Toronto Press, 2002.

Pierce, M., D. Potyondy, P. Andrieux, and J.-S. Lessard (2002). *The Use of the Particle Flow Code (PFC2D) to Assess the Stability of Undercut Rockfill at Brunswick Mine*. In “NARMS–TAC 2002: Mining and Tunnelling Innovation and Opportunity,” Vol. 1, pp. 173-180. R. Hammah *et al.*, Eds. Toronto: University of Toronto Press, 2002.

Ruest, M., P. Andrieux, A. Sampson-Forsythe, and C. Pritchard (2002). *The Design of a Backpacked Tunnel Against Dynamic Loading*. In “NARMS–TAC 2002: Mining and Tunnelling Innovation and Opportunity,” Vol. 1, pp. 211-218. R. Hammah *et al.*, Eds. Toronto: University of Toronto Press, 2002.

Simser, B., P. Andrieux, and D. Gaudreau (2002). *Rockburst Support at Noranda’s Brunswick Mine*. In “NARMS–TAC 2002: Mining and Tunnelling Innovation and Opportunity,” Vol. 1, pp. 805-813. R. Hammah *et al.*, Eds. Toronto: University of Toronto Press, 2002.

Simser, B., P. Andrieux, V. Falmagne, A. Coulson, and M. Grenon (2002). *The Rock Mechanics Design for a 352,800 Tonne Mass-Blast at the Brunswick Mine, Bathurst, New Brunswick*. In “NARMS–TAC 2002: Mining and Tunnelling Innovation and Opportunity,” Vol. 1, pp. 815-823. R. Hammah *et al.*, Eds. Toronto: University of Toronto Press, 2002.

Andrieux, P., and J. Hadjigeorgiou (2002). *The Potential Application of Rock Engineering Systems to Rock Blasting*. In the proceedings of the 104<sup>th</sup> AGM of the CIM (Vancouver, British Columbia, Canada, April 2002).

Andrieux, P., and R. Brummer (2002). Tirs confinés à grande échelle de relâchement des contraintes dans des piliers de mines (*Large-Scale Chocked Destress Blasts in Mine Pillars* – In French). In the proceedings of the 17<sup>th</sup> Colloquium on Ground Control of the Quebec Mining Association (Val d’Or, Quebec, Canada, March 2002).

Andrieux, P., and J. Hadjigeorgiou (2001). *Rock Engineering Systems and Rock Blasting*. In the proceedings of the 24<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, November 2001).

Ruest, M., P. Andrieux, and B. Simser (2001). *Design of a Backpacked Tunnel Liner Using FLAC*. In “*FLAC and Numerical Modeling in Geomechanics – 2001*” (proceedings of the 2<sup>nd</sup> International *FLAC* Conference, Lyon, France, October 2001), pp. 403-411. D. Billiaux *et al.*, Eds. Lisse: A. A. Balkema, 2001.

Andrieux, P., M. Board, R. Brummer, A. Mortazavi, and M. Pierce (2001). *Elastic vs. Inelastic Numerical Stress Modelling – Practical Considerations and Issues*. In the proceedings of the 16<sup>th</sup> Quebec Mining Association Ground Control Colloquium (Val d’Or, Quebec, Canada, March 2001).



- Andrieux, P., and B. Simser (2001). *Ground-Stability-Based Mine Design Guidelines at Brunswick Mine*. In “Underground Mining Methods: Engineering Fundamentals and International Case Studies,” pp. 207-214. W. Hustrulid and R. Bullock, Eds. Littleton, Colorado: SME, 2001.
- Simser, B., and P. Andrieux (2000). *Open Stope Mining Strategies at Brunswick Mine*. In the proceedings of MassMin 2000 (Brisbane, Queensland, Australia, October 2000), pp. 675-683. Carlton, Victoria, Australia: AusIMM, 2000.
- Lessard, J.-S., A. Proulx, and P. Andrieux (2000). Récents développements dans l’utilisation du béton projeté à la mine Brunswick (*Recent Developments in the Usage of Shotcrete at Brunswick Mine* – In French). In the proceedings of the 15<sup>th</sup> Colloquium on Ground Control of the Quebec Mining Association (Val d’Or, Quebec, Canada, March 2000).
- Hadjigeorgiou, J., F. Habiyaremye, J.-S. Lessard, and P. Andrieux (1999). *An Investigation Into the Behaviour of Shotcrete Pillars*. In “Rock Support and Reinforcement Practice in Mining” (proceedings of the International Symposium on Rock Support and Reinforcement Practice in Mining, Kalgoorlie, Western Australia, March 1999), pp. 183-192. Lisse: A. A. Balkema, 1999.
- Simser, B., and P. Andrieux (1999). *Seismic Source Mechanisms at Brunswick Mine*. In the proceedings of the 14<sup>th</sup> CIM Mine Operators’ Conference (Bathurst, New Brunswick, Canada, February 1999).
- Simser, B., P. Andrieux, D. Peterson, T. MacDonald, and J. Alcott (1998). *Advanced Monitoring and Analysis of Microseismic Activity as an Aid to Mining at Brunswick Mine*. *Int. J. Rock Mech. & Min. Sci.*, Special Issue (Proceedings of NARMS’98, 3<sup>rd</sup> North American Rock Mechanics Symposium, Cancun, Mexico, June 1998), 35(4-5), Paper No. 073 (1998).
- Milne, D., D. Gaudreau, S. Nickson, B. Simser, and P. Andrieux (1998). *Back Design in Rockburst-Prone Areas*. In the proceedings of the 100<sup>th</sup> AGM of the CIM (Montreal, Quebec, Canada, May 1998).
- Lessard, J.-S., and P. Andrieux (1998). Les piliers de béton projeté à la mine Brunswick (*Shotcrete Pillars at Brunswick Mine* – In French). In the proceedings of the 13<sup>th</sup> Colloquium on Ground Control of the Quebec Mining Association (Val d’Or, Quebec, Canada, March 1998).
- Liu, Q., H. Tran, D. Counter, and P. Andrieux (1998). *A Case Study of Blast Damage Evaluation in Open Stope Mining at Kidd Creek Mines*. In the proceedings of the 24<sup>th</sup> Annual ISEE Conference on Explosives and Blasting Technique (New Orleans, Louisiana, USA, February 1998).
- Andrieux, P., and K. Rogers (1997). *Controlled Blasting for Improved Open Stope Wall Stability at Brunswick Mine*. In the proceedings of the CIM 13<sup>th</sup> Mine Operators’ Conference (Sudbury, Ontario, Canada, February 1997).
- Andrieux, P., and L. Joncas (1995). Monitoring des vibrations de tirs et de l’activité microsismique à Mines Silidor (*Blast Vibration and Microseismic Monitoring at Silidor Mine* – In French). In the proceedings of the 18<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, November 1995).



- 
- Andrieux, P., and J. Heilig (1995). *Near-Field Blast Vibration Monitoring – Practical Considerations and Issues*. *J. Explosives Engineers*, **12**(6), pp. 24-32 (May-June 1995).
- Andrieux, P., C. M<sup>c</sup>Kenzie, J. Heilig, and A. Drolet (1994). *The Impact of Blasting on Excavation Design – A Geomechanics Approach*. In the proceedings of the 20<sup>th</sup> Annual ISEE Conference on Explosives and Blasting Technique (Austin, Texas, USA, January 1994).
- Andrieux, P., V. Mercier, and A. Drolet (1993). *BlastCAD: The Blast Layout Application of Noranda’s Computer-Aided Three-Dimensional Mine Design System*. In the proceedings of the 24<sup>th</sup> International Symposium on the Application of Computers and Operations Research in the Mineral Industries – APCOM XXIV (Montreal, Quebec, Canada, October 1993).
- Favreau, P., and P. Andrieux (1993). *BlastCAD – Noranda’s Three-Dimensional Computer-Aided Underground Blast Design System*. *CIM Bulletin*, **86**(967), pp. 62-68 (February 1993).
- M<sup>c</sup>Kenzie, C., P. Andrieux, and D. Sprott (1992). *The Significance of Amplitude in Blast Vibration Monitoring*. In the proceedings of the 94<sup>th</sup> AGM of the CIM (Montreal, Quebec, Canada, April 1992).
- Drolet, A., and P. Andrieux (1991). Monitoring des sautages: application à la production en souterrain (*Blast Monitoring: Application to Underground Production* – In French). In the proceedings of the 14<sup>th</sup> Study Session on Blasting Techniques, SEEQ (Quebec City, Quebec, Canada, October 1991).
- Sprott, D., and P. Andrieux (1991). *Charge Weight per Delay and Underground Blast Vibrations*. In the proceedings of the 93<sup>rd</sup> AGM of the CIM (Vancouver, British Columbia, Canada, April 1991).
- Andrieux, P., and D. Sprott (1991). *BlastCAD – Three-Dimensional Underground Blast Design Software*. In the proceedings of the 17<sup>th</sup> Annual ISEE Conference on Explosives and Blasting Technique (Las Vegas, Nevada, USA, February 1991).
- Andrieux, P., J. Boaro, and D. Sprott (1990). *A Field Investigation of Ring Blasting Performance*. In the proceedings of the 92<sup>nd</sup> AGM of the CIM (Ottawa, Ontario, Canada, May 1990).
- Andrieux, P. (1989). Design de sautage assisté par ordinateur (*Computer-Aided Blast Design* – In French). In the proceedings of the Study Session on the Applications of Computers in the Mining Industry (Rouyn-Noranda, Quebec, Canada, November 1989).