Adversarial Data Analytics (134 contributions)

134. Book chapter. C. Leuprecht, C. McCauley, and D.B. Skillicorn, Terrorists, Radicals, and Activists: Distinguishing between Countering Violent Extremism and Countering Extremist Violence, and why it matters. In Countering Violent Extremism and Terrorism: Assessing Canadas Domestic and International Strategies (Ed. S. von Hlatky), McGill-Queens University Press, 2018.

133. Invited Talk, D.B. Skillicorn, Enriching Social Network Analysis for Adversarial Settings, Rensselaer Polytechnic University, Troy, NY, April 2018.

132. Testimony. C. Leuprecht, A. Cockfield, D.B. Skillicorn, Submission to the House of Commons Standing Committee on Finance to give consideration to the statutory review of the Proceeds of Crime and Terrorism Financing Act, April 2018.

131. Conference Presentation. D.B. Skillicorn and C. Leuprecht, Why data analytics isnt working for money laundering detection, FinteQC 2017, Lévis, Quebec, June 2018.

130. Journal article. D.B. Skillicorn, A. Green, C. Leuprecht, Leveraging Police Incident Data for Intelligence-Led Policing, Global Crime, to appear.

129. Book chapter. D.B. Skillicorn, C. Leuprecht, A. Green, Leveraging Police Incident Data for Intelligence-Led Policing, in 'Criminology at the Edge': Big Data in Criminology, Routledge (J. Cale, B. Leclerc, Eds.), to appear.

128. Poster. D.R. Catchpoole, D. Skillicorn, Q. Meng, R. Shaw Muthalaly, Q.V. Nguyen, P.J. Kennedy, Deep Learning of Complex Genomics Data for Effective Classification of Childhood Acute Lymphoblastic Leukaemia Patients, 2nd Pediatric Precision Oncology Conference, Scottsdale, March 2018.

127. Conference proceeding. N. Alsadhan and D.B. Skillicorn, Estimating Personality from Social Media Posts, SENTIRE Workshop, IEEE ICDM 2017, to appear (accepted August 2017).

126. Journal article. 2017. O. Walther, C. Leuprecht and D.B. Skillicorn, Political Fragmentation and Alliances among Armed Non-state Actors in North and Western Africa (1997-2014), Terrorism and Political Violence, September 2017.

125. Journal article. 2017. C. Leuprecht, O. Walther, D.B. Skillicorn and H. Ryde-Collins, Hezbollah's global tentacles: A relational approach to convergence with transnational organised crime, Terrorism and Political Violence, 29:5, 902-921, DOI:10.1080/09546553.2015.1089863

124. Conference tutorial. 2017 Adversarial Analytics, Tutorial, IEEE/ACM Advances in Social Network Analysis and Mining (ASONAM), Sydney, 2017.

123. Conference proceeding. 2017 N. Alsadhan, D.B. Skillicorn, R. Frank, Comparing SVD and word2vec for analysis of malware forum posts, FOSINT 2017 Workshop at Advances in Social Network Analysis and Mining (ASONAM 2017).

122. Invited talk. 2017 D.B. Skillicorn, Reverse Engineering Human Mental State, Capital Markets Cooperative Research Centre, Sydney, June 2017.

121. Invited talk. 2017 D.B. Skillicorn, Inferring mental state from language, Guest Lecture, Arguments, Evidence and Intuition, University of Technology, Sydney, June 2017.

120. Conference proceeding. 2017 Richard Billingsley, John Billingsley, Peter G¨ardenfors, Pavlos Peppas, Henri Prade, David Skillicorn and Mary-Anne Williams, The Altruistic Robot: do what I want, not just what I say, Scalable Uncertainty Management (SUM) 2017, Springer, 149-162.

119. Invited Talk. 2017 D.B. Skillicorn, Getting value from social network analysis, Commonwealth Bank of Australia, Differential Pricing Group, June 2017.

118. Invited Talk. 2017 D.B. Skillicorn, Inferring Bad Actor Properties at a Distance, Centre for Forensic Science, University of Technology Sydney, June 2017.

117. Invited Talk. 2017 D.B. Skillicorn, Inferring Human Properties at a Distance: The Role of Computing in Detecting Bad Actors, Flinders University Law School Public Lecture, Adelaide, May 2017.

116. Invited Talk. 2017 D.B. Skillicorn, Inferring Human Properties at a Distance, Defence Science and Technology Group, Adelaide, May 2017.

115. Invited Talk. 2017 D.B. Skillicorn, Getting value from social network analysis in adversarial settings, Sydney Data Science Masters, May 2017.

114. Book. 2017 Q. Zheng and D.B. Skillicorn, Social Networks with Rich Edge Semantics, Taylor & Francis, August 2017.

113. Invited Talk. 2017 D.B. Skillicorn, Getting value from social network analysis in adversarial settings, Commonwealth Bank of Australia Data Science Community, April 2017.

112. Invited talk. 2017 D.B. Skillicorn, Variation Using Matrix Decompositions, Data Science Sydney, April 2017.

111. Book chapter. 2018 Olivier J. Walther, Christian Leuprecht and David Skillicorn, Networks and Spatial Patterns of Extremist Organizations in North and West Africa, in African Border Disorders: Addressing Transnational Extremist Organizations, Routledge, 2018.

110. Book chapter. 2018 David B. Skillicorn, Olivier J. Walther, Quan Zheng and Christian Leuprecht, Spatial and Temporal Diffusion of Political Violence in North and West Africa, in African Border Disorders: Addressing Transnational Extremist Organizations, Routledge, 2018.

109. Invited talk. 2016 D.B. Skillicorn, Using language to understand mental state, Keynote talk, Data, Metadata, Patterns tips and tricks for all levels of government, Data Analytics Centre of Excellence Community of Practice, Australian Tax Office, November 2016.

108. Journal article. 2016 P.R. Murphy, L. Purda, D. Skillicorn, Can Fraudulent Cues be Transmitted by Innocent Participants? Journal of Behavioral Finance, to appear (accepted August 2015).

107. Journal article. 2016 Q. Zheng and D.B. Skillicorn, Spectral Embedding of Directed Networks, Social Network Analysis and Mining, Vol. 6, Springer, December 2016, 1-15.

106. Invited Panel. 2016 C. Leuprecht, D. Skillicorn, O. Walther, The Diffusion and Permeability of Political Violence in North and West Africa, International Workshop on Transnational Extremist Organizations, Rutgers University, 19-20 September 2016.

105. Conference proceeding. 2016 N. Alsadhan and D.B. Skillicorn, Discovering structure in islamist postings using systemic nets, IEEE International Conference on Intelligence and Security Informatics, to appear (accepted August 2016).

104. Conference proceeding. 2016 Q. Zheng and D.B. Skillicorn, Understanding Alliance and Opposition Among Violent Groups, FOSINT-SI Foundations of Open-Source Intelligence and Security Informatics, ASONAM 2016, August 2016.

103. Conference proceeding. 2016 Q. Zheng and D.B. Skillicorn, Graph Based Eigenvector Semisupervised Learning, Foundations of Big Data Analytics Workshop, ASONAM 2016, August 2016. Invited talk. 2016 D.B. Skillicorn, Trends in terrorist target choice: Social networks meet geography, U.S. National Counterterrorism Center Conference on transitioning realities in terrorism and policy, Washington, June 2016.

102. Invited panel. 2016 D.B. Skillicorn, Africa-based terrorism, U.S. National Counterterrorism Center Conference on transitioning realities in terrorism and policy, Washington, June 2016.

101. Invited panel. 2016 D.B. Skillicorn, Evolving technologies: extremist communication and cyber tactics, U.S. National Counterterrorism Center Conference on transitioning realities in terrorism and policy, Washington, June 2016.

100. Journal article. 2016. D.B. Skillicorn and C. Leuprecht, Incumbency effects in U.S. presidential campaigns: Language patterns matter, Journal of Electoral Studies, September 2016.

99. Book chapter. 2016. D. Skillicorn, C. Leuprecht, V.E. Tait, Computing in Compromised Environments: Beyond the Castle Model of Cyber-Security, in Exploring the Security Landscape: Non-Traditional Security Challenges, A.J. Masys, editor, Springer.

98. Journal article. 2016. C. Leuprecht, D.B. Skillicorn, and V.E. Tait, Beyond the Castle Model of Cyber-Risk and Cyber-Security, Government Information Quarterly, February 2016.

97. Invited Talk. 2015. D.B. Skillicorn and C. Leuprecht, From Castles to Compromised Environments, Canadian Cyber Force Development, Cyber Coordination Session, Ottawa, November 2015.

96. Journal article. 2017. C. Leuprecht, O. Walther, D.B. Skillicorn and H. Ryde-Collins, Hezbollah's global tentacles: A relational approach to convergence with transnational organised crime, Terrorism and Political Violence, 29:5, 902-921, DOI:10.1080/09546553.2015.1089863

95. Conference proceeding. 2015. N. Alsadhan and D.B. Skillicorn, Comparing SVD and SDAE for analysis of Islamist forum postings, IEEE International Conference on Data Mining, Intelligence and Security Informatics Workshop, November 2015.

94. Conference proceeding. 2015. Q. Zheng, D.B. Skillicorn, O. Walther, Signed Directed Social Network Analysis Applied to Group Conflict, IEEE International Conference on Data Mining, Intelligence and Security Informatics Workshop, November 2015.

93. Conference proceeding. 2015. Q. Zheng and D.B. Skillicorn, Spectral Embedding of Directed Networks, Proceedings of the 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM 2015), August, 432-439.

92. Unrefereed Conference Presentation. 2015. D.B. Skillicorn, C. Leuprecht, R. Gobeil, Y. Stys, Prison Radicalization: Structural Differences of Violent Extremists, North American Correctional and Criminal Justice Psychology Conference (NACCJPC3), Ottawa, June.

91. Journal article. 2015. D.B. Skillicorn, C. Leuprecht, Y. Stys, R. Gobeil, Prison Radicalization: Structural Differences of Violent Extremists, Global Crime, Vol 16, Issue 3, August 2015, 238-258.

90. Conference proceeding. 2015. D.B. Skillicorn, Empirical Assessment of al Qaeda, ISIS, and Taliban Propaganda, IEEE International Conference on Intelligence and Security Informatics, Baltimore, May 2015, 61-66.

89. Conference proceeding. 2015. Q. Zheng, D.B. Skillicorn, F. Calderoni, Analysis of Criminal Social Networks with Typed and Directed Edges, IEEE International Conference on Intelligence and Security Informatics, Baltimore, May 2015, 1-6 (Winner: Best Paper).

88. Invited Panel. 2015. Data Science: A multidisciplinary viewpoint and shootout, SIAM Symposium on Data Mining, Vancouver, May 2015.

87. Invited talk. 2015. Why Data Science, Innovation and Design Seminar, University of Technology Sydney, April 2015.

86. Invited talk. 2015. Computational Analysis of Drug Smuggling Networks, Policing, Intelligence, and Counter-terrorism Centre, Macquarie University, April 2015.

85. Invited talk. 2015. Modelling Social Networks with Rich Edge Semantics, Advanced Analytics Institute Seminar, University of Technology, Sydney, April 2015.

84. Journal article. D.B. Skillicorn and C. Leuprecht, Deception in Speeches of Candidates for Public Office, Journal of Data Mining and Digital Humanities, to appear (accepted April 2015).

83. Conference proceeding. 2015. D.B. Skillicorn and C. Leuprecht, Clustering Heterogeneous Semi-Structured Social Science Datasets, Procedia Computer Science (International Conference on Computational Science), Volume 51, 2888-2892.

82. Conference proceeding. 2015. Q. Zheng and D.B. Skillicorn, Spectral Embedding of Signed Networks, SIAM International Conference on Data Mining, April 2015.

81. Journal article. 2014. L. Purda and D.B. Skillicorn, Accounting Variables, Deception, and a Bag of Words: Assessing the Tools of Fraud Detection, Contemporary Accounting Research, October 2014. DOI: 10.1111/1911-3846.12089, 31pp.

80. Journal article. 2014. D.B. Skillicorn and F. Calderoni, Inductive Discovery of Criminal Group Structure Using Spectral Embedding, Information and Security, Vol. 31, 49-66.

79. Journal article. 2014. D.B. Skillicorn and E. Reid, Language Use in the Jihadist Magazines Inspire and Azan, Springer Security Informatics, 3:9 (24 Sep 2014).

78. Journal article. 2014. D.B. Skillicorn, Q. Zheng, C. Morselli, Modelling Dynamic Social Networks Using Spectral Embedding, Social Network Analysis and Mining, Mar 2014. Vol 4. 182.

77. Book chapter. 2014. D.B. Skillicorn and Q. Zheng, Global Structure in Social Networks with Directed Typed Edges, Social Network Analysis and Mining Special Issue, Social Networks: Analysis and Case Studies, Lecture Notes in Social Networks 2014. 61-81.

76. Conference proceeding. 2014. D.B. Skillicorn, F. Spezzano, V.S. Subrahmanian, M, Garber, Understanding South Asian Violent Extremist Group-Group Interactions, FOSINT 2014 at ASONAM 2014, Aug 2014.

75. Journal article. 2013. C.E. Lamb and D.B. Skillicorn, Extending Textual Models of Deception to Interrogation Settings, Linguistic Evidence In Security, Law And Intelligence (LESLI) , Vol 1, No. 1, Dec 2013. 13-40.

74. Journal article. 2013. D.B. Skillicorn, Textual Analysis of Islamist Forums, Social Network and Analysis and Mining, Springer, to appear, accepted Apr 2013.

73. Journal article. 2013. D.B. Skillicorn and C. Leuprecht, Inferring the Mental State of Influencers, Social Network Analysis and Mining, Sep 2013. Volume 3, Issue 3, pp 565-595

72. Journal article. 2013. C. Leuprecht, T. Hataley, D.B. Skillicorn, Vectors of Cross-Border Terrorism: Magnitude and Direction of Canada-US Extremist Traffic, Behavioral Sciences of Terrorism & Political Aggression, 2013. DOI:10.1080/19434472.2012.760105.

71. Journal article. 2013. D.B. Skillicorn, C. Leuprecht, C. Winn, Home-grown Islamist Radicalism in Canada: Process Insights from an Attitudinal Survey, Canadian Journal of Political Science, 45:4,Dec 2012 (appeared May 2013) 929-956.

70. Conference proceeding. 2013. D.B. Skillicorn and C. Leuprecht, Improving the Language of Influence, Proceedings of Foundations of Open Source Intelligence, at Advances in Social Network Analysis and Modelling (ASONAM) ACM & IEEE, Aug 2013, 1028-1033.

69. Conference proceeding. 2013. David Skillicorn, Quan Zheng and Carlo Morselli, Spectral Embedding for Dynamic Social Networks, Proceedings of Advances in Social Network Analysis and Modelling (ASONAM) ACM & IEEE, Aug 2013, 316-323.

68. Invited talk. 2013. Adversarial Knowledge Discovery, University of Technology Sydney, Apr 2013.

67. Conference proceeding. 2013. D.B. Skillicorn and E.F. Reid, Language Use in Inspire Magazine, Intelligence and Security Informatics, ISI2013, 239-244.

66. Conference proceeding. 2013. C.E. Lamb and D.B. Skillicorn, Detecting Deception in Interrogation Settings, Intelligence and Security Informatics, ISI2013, 160-162.

65. Book. 2012. D.B. Skillicorn, Understanding High-Dimensional Spaces, Springer, Nov 2012.

64. Conference proceeding. 2012. R. Sawila and D.B. Skillicorn, Course-of-Action Decision Support Using Partial Graph Cuts, Technologies for Homeland Security, Nov 2012.

63. Conference proceeding. 2012. D.B. Skillicorn, C. Leuprecht, The Mental State of Influencers, 2012 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, Workshop on Foundations of Open-Source Intelligence FOSINT 2012, 922-929, Aug 2012.

62. Conference proceeding. 2012. D.B. Skillicorn, Lessons from a Jihadi Corpus, 2012 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining Workshop on Foundations of Open-Source Intelligence FOSINT 2012, 906-910, Aug 2012.

61. Conference proceeding. 2012. D.B. Skillicorn, L. Purda, Detecting Fraud in Financial Reports, IEEE European Conference on Intelligence and Security Informatics, 7-13, Aug 2012.

60. Conference proceeding. 2012. D.B. Skillicorn and Q. Zheng, Global Similarity in Social Networks with Typed Edges, 2012 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, 79-85, Aug 2012.

59. Conference proceeding. 2012. D.B. Skillicorn, Outlier Detection Using Semantic Sensors, IEEE Conference on Intelligence and Security Informatics, Washington, Jun 2012, 42-47.

58. Conference proceeding. 2012. D.B. Skillicorn and P.K. Chandrasekaran, Ranking Documents by Internal Variability, IEEE Conference on Intelligence and Security Informatics, Washington, Jun 2012, 180-182.

57. Conference proceeding. 2012. C. Leuprecht, T. Hataley, D.B. Skillicorn, Vectors of Extremism Across the Canada-US Border, IEEE Conference on Intelligence and Security Informatics, Washington, Jun 2012, 162-164.

56. Conference proceeding. 2012. P.K. Chandrasekaran and D.B. Skillicorn, Finding Interesting Documents in a Corpus, Text Mining 12 Workshop, SIAM International Conference on Data Mining, Apr 2012.

55. Invited talk. 2012. Matrix decompositions for knowledge discovery, University of Ontario Institute of Technology, Mar 2012.

54. Invited talk. 2012. Reverse engineering mental state from language, Royal Kingston United Services Institute, Mar 2012.

53. Book chapter. 2011. D.B. Skillicorn, Knowledge Discovery in Adversarial Settings, in Data Mining: Foundations and Intelligent Paradigms, ISRL 25, Eds. D. Holmes and L, Jain, Springer, 211-223.

52. Journal article. 2011. M. Hussain and D.B. Skillicorn, Mitigating the Linkability Problem in Anonymous Reputation Management, Journal of Internet Services and Applications, Springer, Vol. 2, Number 1, Jul 2011. 47-65.

51. Journal article. 2011. D.B. Skillicorn and C. Leuprecht, Empirical Constraints on the Structure of Radicalisation, Home Team Journal, Issue 3, 2011. 38-47.

50. Journal article. 2011. D.B. Skillicorn, Computational Approaches to Suspicion in Adversarial Settings, Information Systems Frontiers, Vol. 13, No. 1, 2011. 21-31.

49. Conference proceeding. 2011. M.A.J. Bourassa, J. Fugre, and D. Skillicorn, Interestingness: Directing Analyst Attention to Significant Data, in Proceedings IEEE Open Source Intelligence and Web Mining Conference (OSINT-WM 2011) Athens, Greece, Sep 12-14, 2011, 300-307.

48. Invited talk. 2011. Interestingness: What to look at first ... next, Thayer School of Engineering, Dartmouth College, Apr 2011.

47. Invited talk. 2011. Research and Practice in Adversarial Data Mining, School of Computing, University of Windsor, Apr 2011.

46. Invited talk. 2011. Interestingness, Queens School of Computing Graduate Student Conference, Mar 2011.

45. Invited talk. 2011. Reverse engineering mental state from language, Queens Library, Mar 2011.

44. Book chapter. 2011. D.B. Skillicorn and M.A.J. Bourassa, A Framework for Analyst Focus from Computed Significance, in Counterterrorism and Open Source Intelligence, Springer Lecture Notes in Social Networks, 33-48, 2011.

43. Journal article. 2010. D.B. Skillicorn, Building Models when Adversary Data is Rare, IEEE Intelligent Systems, Sep/Oct 2010. 83-86.

42. Book chapter. 2010. A. Little and D.B. Skillicorn, Patterns of Word Use for Deception in Testimony, Security Informatics, Annals of Information Systems Vol. 9, Springer, 25-40, 2010.

41. Journal article. 2014. D.B. Skillicorn, N. Vats, Novel Information Discovery for Intelligence and Counterterrorism, Decision Support Systems, 2006.

40. Conference proceeding. 2010. L. Purda and D.B. Skillicorn, Reading Between the Lines: Detecting Fraud from the Language of Financial Reports, Northern Finance Association Conference 2010.

39. Conference proceeding. 2010. D.B. Skillicorn, Applying Interestingness Measures to Ansar Forum Texts, ISI-KDD 2010, KDD 2010, Washington D.C., Aug 2010.

38. Conference proceeding. 2010. A. Fani Marvasti and D.B. Skillicorn, Structures in Collaborative Tagging: An Empirical Analysis, Proceedings of the 33rd Australasian Computer Science Conference (ACSC 2010) Brisbane, Australia, Conferences in Research and Practice in Information Technology Volume 102, 109-116.

37. Book chapter. 2009. D.B. Skillicorn, Extracting Knowledge from Graph Data in Adversarial Settings, Mathematical Methods in Counterterrorism, Springer, 2009.

36. Journal article. 2009. D.B. Skillicorn, Adversarial Knowledge Discovery, IEEE Intelligent Systems, Vol. 24, No. 6, 54-61, Nov/Dec 2009.

35. Conference proceeding. 2009. M. Hussain and D.B. Skillicorn, Guarantee-Based Access Control, SecCom-09 (International Symposium on Secure Computing 2009) Aug 2009.

34. Invited keynote. 2009. Anti-Social Computing, Social Computing Workshop, Dallas, TX.

33. Conference proceeding. 2009. M.A.J. Bourassa and D.B. Skillicorn, Hardening Adversarial Prediction with Anomaly Tracking, IEEE Intelligence and Security Informatics 2009, 43-48.

32. Invited talk. 2009. Text as a window to the mind: Implications for security, Seminar, Defence Research and Development Canada, Toronto, Mar 2009.

31. Book. 2008. D.B. Skillicorn, Knowledge Discovery for Counterterrorism and Law Enforcement, Chapman & Hall/CRC Press, 2008.

30. Book chapter. 2008. D.B. Skillicorn, Individual and Collective Analysis of Anomalies in Message Traffic, Terrorism Informatics: Knowledge Management and Data Mining for Homeland Security, Chen, Reid, Sinai, Silke, Ganor, Eds., 20pp, 2008.

29. Journal article. 2008. SW. Fong, D.B. Skillicorn, D. Roussinov, Detecting Word Substitutions in Text, IEEE Transactions on Knowledge and Data Engineering Special Issue on Intelligence and Security Informatics, 2008.

28. Invited tutorial. 2008. Adversarial Knowledge Discovery, Privacy, Security, Trust, Oct 2008.

27. Invited talk. 2008. A Dozen Tips for Graduate Students, Graduate Student Workshop, Privacy, Security, Trust 2008, Oct 2008.

26. Conference proceeding. 2008. M. Hussain and D.B. Skillicorn, Persona-based Identity Management: A Novel Approach to Privacy Protection, In proceedings of the 13th Nordic Workshop on Secure IT-Systems, Technical University of Denmark, pp. 201-212, Lyngby, Denmark, Oct 2008.

25. Invited talk. 2008. Surveillance in Text, Surveillance Seminar, Queens Department of Sociology, Sep 2008.

24. Conference proceeding. 2008. A. Little and D.B. Skillicorn, Detecting Deception in Testimony, IEEE International Conference on Intelligence and Security Informatics 2008, June 2008, Taiwan, 13-18.

23. Invited panel presentation. 2008. Tradeoffs Between Privacy and Intelligence and Security Informatics, Pacific-Asia Workshop on Intelligence and Security Informatics, Taipei, Taiwan, Jun 2008.

22. Invited talk. 2008. How to Spot a Liar (or a Politician) Faculty of Information Technology, University of Technology, Sydney, Jun 2008.

21. Invited talk. 2008. Detecting Anomalies in Graphs, School of Information Technology, University of Sydney, Jun 2008.

20. Conference proceeding. 2008. J.G. Dutrisac and D.B. Skillicorn, Subverting Prediction in Adversarial Settings, IEEE International Conference on Intelligence and Security Informatics 2008, Jun 2008, Taiwan, 19-24. Best Paper, Honorable Mention.

19. Conference proceeding. 2008. J.G. Dutrisac and D.B. Skillicorn, Hiding Clusters in Adversarial Settings, IEEE Conference on Intelligence and Security Informatics 2008, Jun 2008, Taiwan, 185-187.

18. Invited panel presentation. 2007. Businesses, Customers, Relationships, BC Privacy and Security Conference, Feb 2007.

17. Conference proceeding. 2007. D. Roussinov, SW. Fong, and D.B. Skillicorn, Detecting Word Substitutions: PMI vs. HMM (Poster) SIGIR 2007, Amsterdam, 2007.

16. Conference proceeding. 2007. D.B. Skillicorn, Detecting Anomalies in Graphs, IEEE Conference on Intelligence and Security Informatics (ISI2007) IEEE CS Press, 209-216, 2007.

15. Book chapter. 2006. D.B. Skillicorn, Social Network Analysis via Matrix Decompositions: Applications to al Qaeda, in Emergent information technologies and enabling policies for counter terrorism (Eds. R. Popp and J. Yen) Wiley, 2006. 367-392.

14. Book chapter. 2006. D.B. Skillicorn, Social Network Analysis via Matrix Decompositions, in Emergent Information Technologies and Enabling Policies for Counter-Terrorism, R.L. Popp and J. Yen, Eds., Wiley, 2006. 367-392.

13. Conference proceeding. 2006. S. Gupta and D.B. Skillicorn, Improving a Textual Deception Detection Model, CASCON 2006. 345-348, 2006.

12. Conference proceeding. 2006. SW. Fong, D.B. Skillicorn, D. Roussinov, Measures to Detect Word Substitution in Intercepted Communication, IEEE Conference on Intelligence and Security Informatics (ISI 2006) San Diego, CA, USA, May 23-24, LNCS 3975, 2006.

11. Conference proceeding. 2006. SW. Fong, D.B. Skillicorn, D. Roussinov, Detecting Word Substitution in Adversarial Communication, Workshop on Link Analysis, Counterterrorism, and Security, SIAM International Data Mining Conference, Apr 2006.

10. Invited talk. 2006. Detecting Substitutions in Response to Keyword Watch Lists, RMC Computer Security Laboratory Seminar, Feb 2006.

9. Journal article. 2005. P.S. Keila and D.B. Skillicorn, Structure in the Enron Email Dataset, Computational and Mathematical Organization Theory, Vol. 11, No. 3, 183-199, 2005.

8. Invited talk. 2005. Data Mining and UCLP: Using a Teraflow Testbed, ORION Day, Queens University, Nov 2005.

7. Conference proceeding. 2005. P.S. Keila and D.B. Skillicorn, Detecting Unusual Email Communication, CASCON 2005. 238-246.

6. Conference proceeding. 2005. D.B. Skillicorn, Beyond Keyword Filtering for Message and Conversation Detection, Intelligence and Security Informatics 2005. May 2005, Springer Lecture Notes in Computer Science 3495, 231-243.

5. Conference proceeding. 2005. P.S. Keila and D.B. Skillicorn, Structure in the Enron Email Dataset, Workshop on Link Analysis, Counterterrorism and Security at the SIAM International Conference on Data Mining, Apr 2005.

4. Invited talk. 2004. Data Mining for Counterterrorism, University of Ottawa, Nov 2004.

3. Conference proceeding. 2004. D.B. Skillicorn, Finding Unusual Correlation Using Matrix Decompositions, 2nd Symposium on Intelligence and Security Informatics, ISI 2004. Tucson, Jun 2004. Springer-Verlag Lecture Notes in Computer Science, Vol. 3073, 83-99.

2. Conference proceeding. 2004. D.B. Skillicorn, Detecting Related Message Traffic, Workshop on Link Analysis, Counter-terrorism, and Privacy, SIAM International Conference on Data Mining 2004. 39-48, Apr 2004.

1. Conference proceeding. 2003. D.B. Skillicorn, Clusters within Clusters: SVD and Counterterrorism, 1st Workshop on Data Mining for Counter Terrorism and Security at 2003 SIAM Data Mining Conference, May 2003.