

AUTHORED BOOKS

A. Ross, K. Nandakumar and A. K. Jain, "Handbook of Multibiometrics", Springer Publishers, 1st edition, May 2006. ISBN: 0-3872-2296-0.

EDITED BOOKS

Abidi, Bisma; Multi-sensory multi-modal face biometrics for person identification—In progress

BOOK CHAPTERS

A.K. Jain, K. Nandakumar, U. Uludag and X. Lu, "Multimodal Biometrics: Augmenting Face With Other Cues", in Face Processing: Advanced Modeling and Methods, W. Zhao and R. Chellappa (eds.), pp. 679-705, Academic Press, 2005.

A. Ross and A. K. Jain, "Multimodal Human Recognition Systems", in Multi-Sensor Image Fusion and Its Applications. R.S. Blum and Z. Liu (Eds.), CRC Taylor and Francis, 2005. ISBN: 0-8493-3417-9.

A. Ross and A. K. Jain, "Fusion Techniques in Multibiometric Systems", in Multi Sensory Multi-Modal Face Biometrics for Personal Identification. I. Hammoud, B. Abidi and M. Abidi (Eds.), Springer, To be published.

N. A. Schmid and J. A. O'Sullivan, Performance Prediction Methodology for Multi-Biometric Systems, to be published in Multi-Biometric Systems for Identity Recognition: Theory and Experiments, Springer-Verlag, Aug. 2006.

Schuckers SAC, Derakhshani R, Parthasardhi S, Hornak, LA, Liveness Detection in Biometric Devices, in Electrical Engineering Handbook, 3rd edition, CRC Press, Chapter 26, ISBN: 084932274X, 2006.

MAGAZINE ARTICLES

Schuckers, ME, "Some statistical aspects of biometric identification device performance", /Stats Magazine/, Winter 2001.

Schuckers SAC, Spoofing and Anti-Spoofing Measures, Information Security Technical Report, Vol. 7, No. 4, pages 56 – 62, 2002.

A. K. Jain and A. Ross, "Multibiometric Systems", Communications of the ACM, Special Issue on Multimodal Interfaces, Vol. 47, No. 1, pp. 34-40, January 2004.

JOURNAL PAPERS

Nelson, Lisa, "Protecting the Common Good: Technology, Objectivity and Privacy" in *Public Administration Review* (September 2002)

Derakhshani R, Schuckers SAC, "Determination of Vitality From A Non-Invasive Biomedical Measurement for Use in Fingerprint Scanners, *Pattern Recognition*, No.2 pp. 383-396, 2003.

A. Ross and A. K. Jain, "Information Fusion in Biometrics", *Pattern Recognition Letters*, Vol. 24, Issue 13, pp. 2115-2125, September 2003.

Schuckers, ME "Using the Beta-binomial distribution to assess performance of a biometric identification device", *International Journal of Image and Graphics*, 3 (2003), 523-529.

P. J. Boland, H. Singh, B. Cukic: "The Stochastic Precedence Ordering with Applications in Sampling and Testing", *Journal of Applied Probability*, Vol. 41, pp. 73-82, March 2004.

A. K. Jain, A. Ross and S. Prabhakar, "An Introduction to Biometric Recognition", *IEEE Transactions on Circuits and Systems for Video Technology*, Special Issue on Image- and Video-Based Biometrics, Vol. 14, No. 1, pp. 4-20, January 2004.

Nelson, Lisa, "Making Policy: Biometrics, Privacy and Autonomy" *University of Chicago Policy Review* Spring 2004

Nelson, Lisa, "Special Report: Technology, Privacy and Civil Liberties" *Public Administration Review*, Summer 2004

N. A. Schmid and J. A. O'Sullivan, "Performance Prediction Methodology for Biometric System Using Large Deviations Approach", *IEEE Trans. on Signal Processing: Supplement on Secure Media*, vol. 52, no. 10, pp. 3036-3045, Oct. 2004.

U. Uludag, A. Ross and A. K. Jain, "Biometric Template Selection and Update: A Case Study in Fingerprints," *Pattern Recognition*, Vol. 37, No. 7, pp. 1533-1542, July 2004.

Amoruso, Anthony, Richard C. Brooks and Richard A. Riley, Jr, "Biometrics and Internal Control: An Emerging Opportunity" *Journal of Government Financial Management*. Summer 2005 Vol. 54, No. 2

A. K. Jain, K. Nandakumar and A. Ross, "Score Normalization in Multimodal Biometric Systems", *Pattern Recognition*, Vol. 38, No. 12, pp. 2270-2285, December 2005.

Kleist, Virginia F., Timothy Pearson and Richard A. Riley, Jr., "Evaluating Biometrics an Internal Control Solutions to Organizational Risk." The Journal of American Academy of Business. March, 2005, Vol. 6, No. 2.

V. Manian and A. Ross, "Face Detection Using Statistical and Multiresolution Texture Features", Multimedia Cyberscape Journal, Special Issue on Pattern Recognition in Biometrics and Bioinformatics, Vol. 3, No. 3, pp. 1-9, 2005.

Nelson, Lisa, Constructing Policy: Protections, Privacy and Biometrics forthcoming in Privacy and Identity: The Promise and Perils of a Technological Age August 2005 Kluwer Press.

Riley, Jr., Richard A., and Virginia Kleist. "The Business Case for Biometric Technologies: A Systematic Approach for Decision Making." Information Management and Computer Security. Vol. 13, No. 2, 2005

A. Ross, S. Dass and A. K. Jain, "A Deformable Model for Fingerprint Matching", Pattern Recognition, Vol. 38, No. 1, pp. 95-103, Jan 2005.

N. A. Schmid, V. Dorairaj, and L. Hornak, Nonideal Iris Recognition Utilizing Global ICA, Submitted to Pattern Recognition Letters, Nov. 2005.

R. Snelick, U. Uludag, A. Mink, M. Indovina and A.K. Jain, "Large Scale Evaluation of Multimodal Biometric Authentication Using State-of-the-Art Systems", IEEE Trans. Pattern Analysis and Machine Intelligence, Vol. 27, No. 3, pp. 450-455, March 2005

Parthasaradhi S, Derakhshani R, Hornak L, Schuckers SAC, Time-Series Detection of Perspiration as a Liveness Test in Fingerprint Devices, IEEE Transactions on Systems, Man, and Cybernetics, Part C: Applications and Reviews, vol. 35, pp. 335- 343, 2005.

A.K. Jain, K. Nandakumar and A. Ross, "Score Normalization in Multimodal Biometric Systems", Pattern Recognition, Vol. 38, No. 12, pp. 2270-2285, December 2005

Aditya Abhyankar, Stephanie Schuckers, A wavelet based liveness check in fingerprint scanners, IEEE PAMI, submitted.

D. Desovski, V. Gandikota, Y. Liu, Y. Jiang, B. Cukic, "Verification and Validation of a Fingerprint Image Registration Software," EURASIP Journal on Applied Signal Processing, Volume 2006 (2006), Article ID 15940, 9 pages.

A. K. Jain, A. Ross and S. Pankanti, "Biometrics: A Tool For Information Security", IEEE Transactions on Information Forensics and Security, Vol 1, No. 2, pp. 125-143, June 2006.

A.K. Jain, Y. Chen and M. Demirkus, "Pores and Ridges: Fingerprint Matching Using Level 3 Features", IEEE Trans. Pattern Analysis and Machine Intelligence, 2006 (To appear).

N. D. Kalka, J. Zuo, N. A. Schmid, B. Cukic, Fusion of Quality Estimates for an Iris Biometric via Dempster-Shafer Criterion, submitted to the IEEE Trans. on System, Man, and Cybernetics, Part B, May 2006.

X. Li, "Nonideal iris recognition: a systematic study", submitted to IEEE T-SMC Part B special issue on biometrics, under review

X. Li, "Super-resolution for synthetic zooming," EURASIP J. of Applied Signal Proc., special issue on super-resolution, 2006

Nelson, Lisa, "Normative Dimensions of Paternalism and Security" forthcoming in I/S: A Journal of Law and Policy for the Information Society Information June 2006

A. Ross, S. Dass and A. K. Jain, "Fingerprint Warping Using Ridge Curve Correspondences", IEEE Transactions on Pattern Analysis and Machine Intelligence, Vol. 28, No. 1, pp. 19-30, January 2006.

A. Ross, J. Shah and A. K. Jain, "From Templates to Images: Reconstructing Fingerprints From Minutiae Points," IEEE Transactions on Pattern Analysis and Machine Intelligence. To appear.

N. A. Schmid, M. Ketkar, H. Singh, and B. Cukic, Performance Analysis of Iris-Based Identification System at the Matching Score Level, in IEEE Trans. on Information Forensics and Security, vol. 1, no. 2, pp. 154-168, 2006.

S. A. C. Schuckers, N. A. Schmid, A. Abhyankar, V. Dorairaj, C. Boyce, L. A. Hornak, On Techniques for Angle Compensation in Nonideal Iris Recognition, submitted to the IEEE Trans. on System, Man, and Cybernetics, Part B, May 2006.

J. Zuo, N. A. Schmid, X. Chen, On Generation and Analysis of Synthetic Iris Images, submitted to the IEEE Trans. on Information Forensics and Security, March 2006.

CONFERENCE PAPERS

Derakhshani R, Schuckers SAC, Hornak L, O’Gorman L, Neural Network-Based Approach for Detection of Liveness in Fingerprint Scanners, International Conference on

Artificial Intelligence 2001 Proceedings, Editor H.R.Arabnia, CSREA Press, pp. 1099-1105, 2001.

Derakhshani R, Schuckers SAC, "Biologically Inspired Evolutionary Temporal Neural Circuits." Proceedings of IEEE World Congress on Computational Intelligence, Honolulu, HI, 2002.

Schuckers, ME, "Interval estimates when no failures are observed", /IEEE AutoID Conference Proceedings/, 2002: 37-41

A.K. Jain and A. Ross "Learning Used-Specific Parameters in a Multibiometric System", Proc. of International Conference on Image Processing, Rochester, New York, Sept. 22-25, 2002.

A.K. Jain, U. Uludag and A. Ross, "Biometric Template Selection: A Case Study in Fingerprints", Proc. of 4th Int'l Conf. on Audio- and Video-Based Biometric Person Authentication (AVBPA), Guildford, UK, June 9-11, 2003.

X. Lu, Y. Wang and A. K. Jain, "Combining Classifiers for Face Recognition", Proc. ICME 2003, IEEE International Conference on Multimedia & Expo, vol. III, pp. 13-16, Baltimore, MD, July 6-9, 2003.

A.K. Jain, S.C. Dass and K. Nandakumar, "Can Soft Biometric Traits Assist User Recognition?", Proc. SPIE Defense and Security Symposium, pp. 561-572, Orlando, FL, April 12-16, 2004.

K. Jain, S.C. Dass and K. Nandakumar, "Soft Biometric Traits for Personal Recognition Systems", Proc. International Conference on Biometric Authentication (ICBA), pp. 731-738, Hong Kong, July 2004.

D. Desovski, V. Gandikota, Y. Liu, Y. Jiang, B. Cukic, "Validation and Reliability Estimation of a Fingerprint Image Registration Software," Proc. 15th Int'l IEEE Symposium on Software Reliability Engineering (ISSRE '04), St. Malo, France, November 2004, pp. 306-313.

Schuckers SAC, Parthasaradhi S, Derakhshani R, Hornak L, Comparison of classification methods for time-series detection of perspiration as a liveness test in fingerprint devices, Biometric Authentication: First International Conference (ICBA), LNCS 3072, Springer, Hong Kong, July 2004, pp. 256-263.

Derakhshani R, Schuckers SAC, "Continuous Time Delay Neural Networks for Detection of Temporal Patterns in Signals." Proceedings of the 2004 IEEE International Joint Conference on Neural Networks, Budapest, Hungary.

Schuckers SAC, Derakhshani R, Parthasaradhi S, Hornak L, Improvement of an algorithm for recognition of liveness using perspiration in fingerprint devices, Proceedings of the SPIE Defense and Security Symposium, Biometric Technology for Human Identification, Orlando, April, 2004.

Schuckers SA, Abhyankar A, Wavelet-based approach to detecting liveness in fingerprint scanners, Proceedings of the SPIE Defense and Security Symposium, Biometric Technology for Human Identification, Orlando, April, 2004.

Schuckers SAC, Abhyankar A, A Wavelet Based Approach to Detecting Liveness in Fingerprint Scanners, Proceedings of the Biometric Authentication Workshop, LNCS 3087, Springer, ECCV, Prague, May, 2004, pp. 100-110.

A. S. Abhyankar, L. A. Hornak, S. C. Schuckers, Biorthogonal wavelet-based iris recognition, Biometric Technology For Human Identification II, Proceedings of SPIE Vol. #5779, Orlando, FL March 2005.

A.S. Abhyankar A, Schuckers SAC, Characterization, similarity score, and uniqueness of fingerprint perspiration patterns, Proceedings of Audio- and Video-Based Biometric Person Authentication: 5th International Conference, Lecture Notes in Computer Science, Kanade et al (eds.) Springer Verlag GmbH, 3546: 860-868, 2005

A.S. Abhyankar A, Hornak LA, Schuckers SACS, Off-angle iris recognition using bi-orthogonal wavelet network system, in Fourth IEEE Workshop On Automatic Identification Advanced Technologies, Proceedings of AutoID, Buffalo, NY, Oct. 2005.

Adler, A, Schuckers, ME "Calculation of a composite DET curve", in //Proceedings of //Audio- and Video-Based Biometric Person Authentication: 5th International Conference, Lecture Notes in Computer Science/, Kanade et al (eds.) Springer Verlag GmbH, 3546: 860-868, 2005

S.C. Dass, K. Nandakumar and A.K. Jain, "A Principled Approach to Score Level Fusion in Multimodal Biometric Systems", Proc. 5th Int'l Conf. on Audio- and Video-Based Biometric Person Authentication (AVBPA), pp. 1049-1058, Rye Brook, NY, July, 2005.

V. Dorairaj, N. A. Schmid, and G. Fahmy, Performance Evaluation of Non-Ideal Iris Based Recognition System Implementing Global ICA Technique, to be published in Proc. of ICIP 2005, Genoa, Italy, vol. 3, Sept. 11-14, 2005, pp. 285-288.

A. K. Jain, A. Ross and U. Uludag, "Biometric Template Security: Challenges and Solutions", Proc. of 13th European Signal Processing Conference (EUSIPCO), (Antalya, Turkey), September 2005.

N. Kalka, V. Dorairaj, Y. Shah, N. A. Schmid, and B. Cukic, Image Quality Assessment for Iris Biometric, in Proc. of the Research Session, BCC 2005, pp. 58-59.

X. Lu, A.K. Jain and S.C. Dass, "3D Facial Expression Modeling for Recognition", Proc. SPIE Conference on Biometric Technology for Human Identification II, Vol. 5779, pp. 113-121, Orlando, Florida, Mar-Apr, 2005.

Y. Ma, B. Cukic, H. Singh, "A Classification Approach to Multi-biometric Score Fusion", 5th Int'l Conference on Audio – and Video- Based Biometric Person Authentication, AVBPA 2005, Rye Town, NY, July 2005, Lecture Notes in Computer Science, Vol 3546, Springer, pp. 484-493, 2005.

Ma, Y, Schuckers, ME, Cukic, B "Guidelines for Appropriate Use of Simulated Data for Bio-Authentication Research" in /Fourth IEEE Workshop On Automatic Identification Advanced Technologies, Proceedings of AutoID/, pp-pp, 2005. //

S. Makthal and A. Ross, "Synthesis of Iris Images using Markov Random Fields", Proc. of 13th European Signal Processing Conference (EUSIPCO), (Antalya, Turkey), September 2005.

A. Ross, J. Shah, and A. K. Jain, "Towards Reconstructing Fingerprints from Minutiae Points", Proc. of SPIE Conference on Biometric Technology for Human Identification II, (Orlando, USA), pp. 68-80, March 2005.

N. Schmid, B. Cukic, M. Ketkar, H. Singh, "Performance Analysis of Iris Based Identification System at the Matching Score Level", IEEE Int'l Conference on Acoustics, Speech and Signal Processing, ICASSP 2005, Vol. 2, Philadelphia, PA, March 2005, pp. 93-96.

R. Singh, M. Vatsa, A. Ross and A. Noore, "Performance Enhancement of 2D Face Recognition via Mosaicing", Proc. of 4th IEEE Workshop on Automatic Identification Advanced Technologies (AutoID), (Buffalo, USA), pp. 63-68, October 2005.

J. Zuo and N. A. Schmid, Generation of Synthetic Iris, in Proc. of the Research Session, BCC 2005, pp. 17-18.

Derakhshani R, "Spoof-proofing Fingerprint Systems using Evolutionary Time-Delay Neural Networks." Proceedings of IEEE CIHSPS 2005 Conference, Buena Vista,

M. Abdel-Mottaleb and M. H. Mahoor, "Assessment of Blurring and Facial Expression Effects on Facial Image Recognition", In Proceeding of International conference on Biometrics, ICB 2006, Hong Kong, pp 12-18. (Lecture Notes in Computer Science edited by Zhang and Jain)

A.S. Abhyankar A, Schuckers SACS, Empirical Mode Decomposition Liveness Check in Fingerprint Time Series Captures, IEEE Computer Society Workshop on Biometrics, CVPR, New York, June 2006.

A.S. Abhyankar A, Schuckers SACS, Active shape models for effective iris segmentation, Proceedings of SPIE, Orlando, FL March 2006.

H. Chang, A. Koschan, B. Abidi, and M. Abidi, "Physics-based fusion of multispectral data for improved face recognition," Accepted in Int'l. Conf. on Pattern Recognition, Hong Kong, August 20-24, 2006.

Y. Chen, M. Demirkus and A.K. Jain, "Pores and Ridges: Fingerprint Matching Using Level 3 Features", in Proc. of International Conference on Pattern Recognition (ICPR) (to appear), Hong Kong, August 20-24, 2006.

Derakhshani, R; Ross, A; Anand, A; Jung, E.H.,"A Vessel Tracing Algorithm for Human Conjunctival Vasculature" Hong, K; in proceedings of 2006 Kansas City Life Sciences Institute Research Day Conference.

Gamal Fahmy, Ahmed El-Sherbeeney, Susmita Mandala1, Mohamed Abdel-Mottaleb and Hany Ammar, "The Effect of Lighting Direction/Condition on the Performance of Face Recognition Algorithms", Biometric Technology for Human Identification III, the SPIE Defense and Security Symposium, 17-22 April 2006, Orlando, Florida.

N. D. Kalka, J. Zuo, V. Dorairaj, N. A. Schmid, and B. Cukic, Image Quality Assessment for Iris Biometric, in Proc. of 2006 SPIE Conf. on Biometric Technology for Human Identification III, 17-18 April, Orlando, vol. 6202, pp. 61020D-1-62020D-11.

X. Li, A. Abaza, D. Nassar and H. Ammar, "Fast and accurate segmentation of dental X-ray records," Int. Conf. on Biometrics' 2006. (long oral presentation)

X. Li, "Modeling intraclass variation for nonideal iris recognition", Int. Conf. on Biometrics'2006. (short oral presentation)

X. Li, "Superresolution of texts from nonideal video," in SPIE Conf. on Visual Comm. and Image Proc. special session on super-resolution, 2006 (Invited paper)

X. Lu and A. K. Jain, "Automatic Feature Extraction for Multiview 3D Face Recognition", Proc. 7th IEEE International Conference on Automatic Face and Gesture Recognition (FG2006), pp. 585-590, Southampton, UK, Apr. 2006.

X. Lu and A. K. Jain, " Deformation Modeling for Robust 3D Face Matching", Proc. IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR2006) (to appear), New York, NY, Jun. 17-22, 2006.

K. Nandakumar, Y. Chen, S.C. Dass and A.K. Jain, "Quality-based Score Level Fusion in Multibiometric Systems", in Proc. of International Conference on Pattern Recognition (ICPR) (to appear), Hong Kong, August 20-24, 2006.

U. Park and A.K. Jain, "ViSE: Visual Search Engine Using Multiple Networked Cameras", in Proc. of International Conference on Pattern Recognition (ICPR) (to appear), Hong Kong, August 20-24, 2006.

A. Ross and R. Nadgir, "A Calibration Model for Fingerprint Sensor Interoperability", Proc. of SPIE Conference on Biometric Technology for Human Identification III, (Orlando, USA), pp. 62020B-1 - 62020B-12, April 2006.

A. Ross, S. Shah and J. Shah, "Image Versus Feature Mosaicing: A Case Study in Fingerprints", Proc. of SPIE Conference on Biometric Technology for Human Identification III, (Orlando, USA), pp. 620208-1 - 620208-12, April 2006.

Schuckers, ME, Hawley, AM, Mramba, TN, Livingstone, KA, and Knickerbocker, CJ, "A comparison of statistical methods for evaluating matching performance of a biometric identification device- a preliminary report", in /Biometric Technology For Human Identification Proceedings of SPIE/, Anil K. Jain and Nalini K. Ratha (eds.) , 5404: 144-155.

Schuckers, ME, "Statistical Inference for Template Aging" in /Biometric Technology for Human Identification III/, (to appear) Proceedings of SPIE.

S. Shah and A. Ross, "Generating Synthetic Irises By Feature Agglomeration," Proc. of IEEE International Conference on Image Processing (ICIP), (Atlanta, USA), October 2006. To appear.

Tan B, Schuckers SACS Comparison of ridge- and intensity-based perspiration liveness detection methods in fingerprint scanners, Proceedings of SPIE, Orlando, FL March 2006.

Tan B, Schuckers SACS Liveness Detection for Fingerprint Scanners Based on the Statistics of Wavelet Signal Processing, IEEE Computer Society Workshop on Biometrics, CVPR, New York, June 2006.

J. Zuo and N. A. Schmid, A Model Based, Anatomy Based Method for Synthesizing Iris Images, in Proc. of ICBA 2006, Hong Kong, Jan. 5-7, 2006, pp. 428-435.

J. Zuo, N. A. Schmid, and X. Chen, On Performance Comparison of Real and Synthetic Iris Images, accepted for presentation at ICIP 2006.

WORKSHOP PAPERS:

B. Cukic, H. Singh, Yan Ma, "Optimal Decision Level Acceptance Rules for Multimodal Biometric Systems," Biometrics Consortium, Washington, DC, September 2003.

Atkinson, TJ and Schuckers, ME, "Approximate Confidence Intervals for Estimation of Matching Error Rates of Biometric Identification Devices " in /Biometric Authentication: E//CCV 2004 International Workshop, /Lecture Notes in Computer Science, vol. 3087, Proceedings of the BioAW, Vol. 3087 Davide Maltoni and Anil K. Jain (Eds.), 3087: 184-194, 2004

A.K. Jain, S.C. Dass and K. Nandakumar, "Can Soft Biometric Traits Assist User Recognition?", Proc. SPIE Defense and Security Symposium, pp. 561-572, Orlando, FL, April 12-16, 2004

A.K. Jain, K. Nandakumar, X. Lu, and U. Park, "Integrating Faces, Fingerprints, and Soft Biometric Traits for User Recognition", Proceedings of Biometric Authentication Workshop, in conjunction with ECCV2004, LNCS 3087, pp. 259-269, Prague, May 2004.

X. Lu, A.K. Jain and S.C. Dass, "3D Facial Expression Modeling for Recognition", Proc. SPIE Conference on Biometric Technology for Human Identification II, Vol. 5779, pp. 113-121, Orlando, Florida, Mar-Apr, 2005.

X. Lu and A.K. Jain, "Deformation Analysis for 3D Face Matching", Proc. WACV (Workshop on Applications of Computer Vision), pp. 99-104, Breckenridge, Colorado, Jan. 2005.

Y. Ma, M. Schuckers, B. Cukic, "Guidelines for Appropriate Use of Simulated Data for Bio-Authentication Research," 4th IEEE Workshop on Automatic Identification Advanced Technologies (AUTO ID), Buffalo, NY, October 2005, pp. 251 – 256.

Kleist, Virginia and Richard A. Riley, Jr. "Implications of a Transaction Cost Demand and Network Externalities Supply Model of the Biometric Security Technologies Market." (Working Paper 2005)

C. Dai, Y. Zheng and X. Li, "Layered representation for pedestrian detection and tracking from infrared imagery", 2nd IEEE Workshop on Object Tracking and Classification Beyond Visible Spectrum, June 2005. (invited to submit a journal version to Computer Vision and Image Understanding)

B. Purva and X. Li, "Robust Pre-processing Techniques for Non-ideal Iris Images", BCC'2005. (oral presentation)

N. Bartlow, B. Cukic, "User Credential Hardening through Keystroke Dynamics," Biometrics Consortium Conference – Research Symposium, September 2005.

U. Park and A.K. Jain, "3D Face Reconstruction from Stereo Video", Proc. First International Workshop on Video Processing for Security (VP4S-06) in Third Canadian Conference on Computer and Robot Vision (CRV'06), Quebec City, Canada, June 7-9, 2006

H. Chang, H. Harishwaran, M. Yi, A. Koschan, B. Abidi, and M. Abidi, "An Indoor and Outdoor, Multimodal, Multispectral and Multi-illuminant Database for Face Recognition," Biometrics WS, IEEE Int'l. Conf. on Computer Vision and Pattern Recognition, New York, NY, June 2006.

EXTENDED ABSTRACTS (PEER-REVIEWED)

A. Ross, S. Crihalmeanu, R. Govindarajan, L. Hornak and S. Schuckers, "A Centralized Web-Enabled Multi-modal Biometric Database", Biometric Consortium Conference (BCC), (Crystal City, VA), September 2004.

V. Manian and A. Ross, "A Texture-based Approach to Face Detection", Biometric Consortium Conference (BCC), (Crystal City, VA), September 2004.

Y. Chen, S. Dass, A. Ross and A. K. Jain, "Average Deformation Model Based on Three-Dimensional Minutiae Data", Biometric Consortium Conference (BCC), (Crystal City, VA), September 2004.

A. Ross and R. Govindarajan, "Feature Level Fusion in Biometric Systems", Biometric Consortium Conference (BCC), (Crystal City, VA), September 2004

K. Nandakumar, A. K. Jain and A. Ross, "Score Normalization in Multimodal Biometric System", Biometric Consortium Conference (BCC), (Crystal City, VA), September 2004.

J. Shah, A. Ross and A. K. Jain, "Can Fingerprints Be Generated From Minutiae Points?", Biometric Consortium Conference (BCC), (Crystal City, VA), pp. 9-10, September 2005.

S. Shah, A. Ross, J. Shah, S. Crihalmeanu, "Fingerprint Mosaicing Using Thin Plate Splines", Biometric Consortium Conference (BCC), (Crystal City, VA), pp. 60-61, September 2005.