

99年6月通過學術審查

91 學年度入學 (博七)

Journal Paper

1. **S.C. Peng**, D.S. Hill Wong, K.C. Tung, Y.Y. Chen, C.C Chao, C.H. Peng, Y.J. Chuang, C.Y. Tang, “ Computational Modeling with Forward and Reverse Engineering Links Signaling Network and Genomic Regulatory Responses: NF- κ B Signaling–induced Gene Expression Responses in Inflammation” , *BMC Bioinformatics* (SCI 2008 **Impact Factor = 3.78, 10.3 %** rank in subject categories MATHEMATICAL & COMPUTATIONAL BIOLOGY). Accepted.

Conference Paper

1. **S.C. Peng**, H.M. Chang, D.F. Hsu, C.Y. Tang, "Modeling Signal Transduction of Neural System by Hybrid Petri Net Representation", **International Conference of Operations Research (OR2004)**.

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Journal papers:

1. **J. L. Chiang**, J. P. Sheu, H. C. Tseng, and W. T. Chen, “An Efficient MAC Protocol with Cooperative Retransmission in Mobile Ad Hoc Networks,” accepted and to appear in *Wireless Communications and Mobile Computing*, Wiley Blackwell, June 2010.
2. **J. L. Chiang**, C. L. Wang and W. T. Chen, “Ensuring Peer Fairness in BitTorrent with Adaptive Optimistic Unchoking,” revised for *Journal of Information Science and Engineering*, Academia Sinica, April, 2010.
3. **J. L. Chiang**, Y. Y. Tseng, and W. T. Chen, “Interest-Intended Piece Selection in P2P-Based File Distribution Systems,” submitted to *Journal of Parallel and Distributed Computing*, Elsevier, June 2010.

Conference papers:

1. **J. L. Chiang** and W. T. Chen, “An Efficient Scheme for QoS Traffic Control in Active Networks,” in *Proc. of Workshop on Active Networks*, Chung-Li, Taiwan, Sept. 2002.
2. **J. L. Chiang** and W. T. Chen, “Efficient Flow and Congestion Control in Active Networks,” in *Proc. of Workshop on Active Networks*, Chung-Li, Taiwan, Sept. 2002.
3. **J. L. Chiang** and W. T. Chen, “An Efficient Scheme for Alternative Path Selection in Active Networks,” in *Proc. of Workshop on Active Networks*, Chung-Li, Taiwan, Sept. 2002.
4. W. T. Chen, K. C. Shih, and **J. L. Chiang**, “Flexible Packet Scheduling for Quality of Service Provisioning in Wireless Networks,” in *Proc. of 9th IEEE Int'l Conf. on Parallel and Distributed Systems (ICPADS)*, Chung-Li, Taiwan, Dec. 2002.
5. W. T. Chen, S. B. Shih, and **J. L. Chiang**, “A Two-Stage Packet Classification Algorithm,” in *Proc. of 17th IEEE Int'l Conf. on Advanced Information Networking and Applications (AINA)*, Xi'an, China, March 2003.

6. W. T. Chen, H. L. Hsu, and **J. L. Chiang**, “Logical Key Tree Based Secure Multicast Protocol with Copyright Protection,” in *Proc. of 19th IEEE Int'l Conf. on Advanced Information Networking and Applications (AINA)*, Taipei, Taiwan, March 2005.
7. W. T. Chen, C. H. Chao, and **J. L. Chiang**, “An Interest-based Architecture for Peer-to-Peer Network Systems,” in *Proc. of 20th IEEE Int'l Conf. on Advanced Information Networking and Applications (AINA)*, Vienna, Austria, April 2006.
8. S. C. Lo, **J. L. Chiang**, S. R. Yang, and W. T. Chen, “Design of a Context-Aware Mobile Guiding Application,” in *Proc. of 22th IEEE Int'l Conf. on Advanced Information Networking and Applications (AINA)*, Okinawa, Japan, March 2008.
9. K. Y. Lin, **J. L. Chiang**, and W. T. Chen, “Improving Service Availability of BitTorrent,” in *Proc. of Conf. on Computer Science and Information Engineering Applications*, Hsinchu, Taiwan, Dec. 2008.

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Journal Paper:

1. **Chun-Lung Lin**, Chen-Lung Chan, and Jia-Shung Wang, "Optimization of Rate Allocation with Distortion Guarantee in Sensor Networks," *IEEE Trans. on Parallel and Distributed Systems*, revised.
2. **Chun-Lung Lin** and Jia-Shung Wang, "Optimal Rate Allocation for Gathering Correlated Data with Distortion Guarantee in Multi-hop Sensor Networks," under reviewed by *Journal of Computer and System Sciences*.

Conference paper:

1. **Chun Lung Lin** and Jia Shung Wang, "Optimal Rate Allocation of Compressed Data Streams in Multi-hop Sensor Networks," in *Proc. IEEE/ACM Int'l Conf. on Distributed Computing in Sensor Systems (DCOSS09)*, pp. 58-71, 2009. (Acceptance Ratio: 26/116 = 22.4%)
2. **Chun Lung Lin**, Hai Fu Wang, Sheng Kai Chang, and Jia Shung Wang, "Optimal Rate Allocation for Rate-Constrained Applications in Wireless Sensor Networks," in *Proc. IEEE/ACM Int'l Conf. on Distributed Computing in Sensor Systems (DCOSS08)*, pp. 510-515, 2008. (Acceptance Ratio: 29/116=25%)
3. **Chun-Lung Lin**, Kai-Chao Yang, Chuan-Yu Cho, Jia-Shung Wang, and Hsin-Hua Lee, "Optimal Rate Allocation for Gathering Correlated Data with Distortion Guarantee in Sensor Networks," to appear in *Proc. IEEE Int'l Conference on Sensor Technologies and Applications (SENSORCOMM)*, 2010.
4. **Chun-Lung Lin**, Hsin-Hua Lee, Chen-Lung Chan and Jia-Shung Wang, "Cooperative Proxy Framework for Layered Video Streaming," in *Proc. IEEE Global Telecommunications Conference (Globecom 2005)*, 2005.
5. Kai-Chao Yang, **Chun-Lung Lin**, Tung-Lin Wu, and Jia-Shung Wang, "Service-driven Approximate LT Codes," in *Proc. IEEE Int'l Conf. on Communications (ICC)*, 2010.
6. Hong-Yu Chao, Jia-Shung Wang, **Chun-Lung Lin**, and Kai-Chao Yang, Chien-Ming Wu, Chun-Ming Huang, and Lan-Da Van, "High-performance low-complexity bit-plane coding scheme for MPEG-4 FGS," in *Proc. IEEE Int'l Conf. on Multimedia & Expo (ICME 2005)*, July 2005.

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93 學年度入學 (博六)

Journals:

1. **P. H. Tsai**, C. S. Shih, and J. W. S. Liu, "*Algorithms for Scheduling Interactive Medications*," Foundations of Computing and Decision Science, volume 34, number 4. (EI, Impact factor =0.514)
2. **P. H. Tsai**, T. Y. Chen, C. Y. Yu, C. S. Shih and J. W. S. Liu, "Smart Medication Dispenser: Design, Architecture and Implementation", To be accepted upon revision by IEEE systems journal. (SCI, EI, impact factor = 2.882)

Conference Papers

1. **P. H. Tsai**, H. C. Yeh, C. Y. Yu, P. C. Hsiu, C. S. Shih and J. W. S. Liu, "*Compliance Enforcement of Temporal and Dosage Constraints*," Proceedings of the 27th IEEE Real-Time Systems Symposium, pages 359-368, December 2006, (ISBN ~ ISSN:1052-8725 , 0-7695-2761-2)(EI, acceptance rate = 24.2 %, top conference in real time field)
2. **Tsai, P. H.**, Y. T. Chuang, T. S. Chou, C. S. Shih and J. W. S. Liu, "*iNuC: An Intelligent Mobile Medication Cart*," Proceedings of the 2nd International Conference on Biomedical Engineering and Informatics, October 2009. (EI,)
3. **Tsai, P. H.**, C. Y. Yu, W. Y. Wang, J. K. Zao, H. C. Yeh, C. S. Shih, and J. W. S. Liu, "iMAT: Intelligent Medication Administration Tools," Proceedings of IEEE Healthcom, July 2010. (EI)s
4. J. W. S. Liu, C. S. Shih, **P. H. Tsai**, H. C. Yeh, P. C. Hsiu, C. Y. Yu, and W. H. Chang, "*End-User Support for Error Free Medication Process*," Proceedings of High-Confidence Medication Device Software and Systems and Universal Plug-and-Play Workshop, pages 34-45, June 2007, (ISBN: 0-7695-3081-8) (EI)
5. H. C. Yeh, P. C. Hsiu, C. S. Shih, **P. H. Tsai** and J. W. S. Liu, "*APAMAT: A Prescription Algebra for Medication Authoring Tool*," Proceedings of IEEE International Conference on Systems, Man and Cybernetics, volume 5, pages 4284-4291, October 2006, (ISBN: 1-4244-0100-3)(EI, acceptance rate = 70%)
6. T.Y. Chen, **P. H. Tsai**, T. S. Chou, C. S. Shih, T. W. Kuo, and J.W. S. Liu,

"Component Model and Architecture of Smart Devices for the Elderly," Proceedings of the 7th Working IEEE/IFIP Conference on Software Architecture, pages 51–60, February 2008. (EI, acceptance rate = 28.75)

7. Wang, M. Y., J. K. Zao, **P. H. Tsai**, and J. W. S. Liu, "*Wedjat: A Mobile Phone Based Medication Reminder and Monitor*," Proceedings of the 9th IEEE International Conference on Bioinformatics and Bioengineering, IEEE CS Press, June 2009. (EI, acceptance rate = less than 30%)
8. Wang, M. Y., **P. H. Tsai**, J. K. Zao, and J. W. S. Liu, "Smart Phone Based Medicine In-take Scheduler, Reminder and Monitor," Proceedings of IEEE HealthCom, July 2010,. (EI)

Technical Reports:

1. **P. H. Tsai**, H. C. Yeh, P. C. Hsiu, C. S. Shih, T. W. Kuo, and J. W. S. Liu, "A Scarce Resource Model for Medication Scheduling," number TR-IIS-06-003, Institute of Information Science, Academia Sinica April 2006.
2. **P. H. Tsai** and J. W. S. Liu, "Algorithms for Scheduling Interaction Medications," number TR-IIS-08-001, Institute of Information Science, Academia Sinica June 2008.
3. **P. H. Tsai**, C. Y. Yu, C. S. Shih and J. W. S. Liu, "Smart Medication Dispenser: Design, Architecture and Implementation," number TR-IIS-08-010, Institute of Information Science 2008.

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93 學年度入學 (博六)

Journal Paper

1. Hung-Min Sun, Huaxiong Wang, **Bying-He Ku**, And Josef Pieprzyk, “Decomposition Construction for Secret Sharing Schemes With Graph Access Structures In Polynomial Time,” accepted for publication in *SIAM Journal on Discrete Mathematics*, 2010. (SCI; EI)

Conference papers

1. Hung-Min Sun, Chi-Fu Hung , and **Bying-He Ku**, “An Improved Identity-Based DRM System,” In *Proceedings of Cryptology and information security conference 2005 (ISC 2005)*, May 2005.
2. Hung-Min Sun, **Bying-He Ku**, Chung-Chi Wu, and Ting-Yu Lin, “Improvement of VQ Index Compression with Relative Index Tables,” In *Proceedings of International Computer Science and Information Technology Conference (ICCSIT 2008)* , pp. 492 - 496, August 2008, IEEE Press.

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93 學年度碩士入學，94 學年度上學期直升博士 (博五)

Journal Papers:

1. **E. J. Farn** and C. C. Chen, "Novel steganographic method based on jig swap puzzle images," *Journal of Electronic Imaging*, Vol. 18, No. 1: 013003 (2009). (EI; SCI, Impact Factor (2008): 0.563, 5-Year Impact Factor: 1.107) (Cited: 1)
2. **E. J. Farn** and C. C. Chen, "Jigsaw puzzle images for steganography," *Optical Engineering*, Vol. 48, No. 7: 077006 (2009). (SCI, Impact Factor (2008): 0.722, 5-Year Impact factor: 0.867)

Conference Papers:

1. **E. J. Farn** and C. C. Chen, "A jigsaw puzzle based secret key exchange scheme," in Proceedings of the 2008 International Conference on Machine Learning and Cybernetics. IEEE, 2008, pp. 3067-3071. (Cited: 1)

Submitted Paper:

1. **E. J. Farn** and C. C. Chen, "A New Data Hiding Method Based on (n^2-1) -Puzzle," submitted to *ACM Workshop on Multimedia in Forensics, Security and Intelligence*.
2. **E. J. Farn**, K. Sakurai, C. C. Chen and K. M. Lan, "Loitering Detection Based on Pedestrian Models" submitted to *The Fifth Joint Workshop on Information Security*.

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94 學年度入學 (博五)

Journal Papers:

1. **Y.-L. Huang**, C.-C. Huang, C.Y. Tang and C.L. Lu (2010), A Tool for Sorting Genomes and Reconstructing Phylogenetic Trees by Reversals, Generalized Transpositions and Translocations, *Nucleic Acids Research*, (in press). (SCI, IF 6.878)
2. **Y.-L. Huang**, C.-C. Huang, C.Y. Tang and C.L. Lu (2010), An improved algorithm for sorting by block-interchanges based on permutation groups, *Information Processing Letters*, Vol. **110**, pp. 345-350. (SCI, IF 0.706)
3. **Y.-L. Huang** and C.L. Lu (2010), Sorting by reversals, generalized transpositions and translocations using permutation groups, *Journal of Computational Biology*, Vol. **17**, pp. 685-705. (SCI, IF 1.563)
4. Y.-F. Chang, **Y.-L. Huang** and C.L. Lu (2008), SARSA: a web tool for structural alignment of RNA using a structural alphabet, *Nucleic Acids Research*, Vol. **36**, pp. W19-24. (SCI, IF 6.878)
5. C.L. Lu, **Y.-L. Huang**, T.C. Wang and H.-T. Chiu (2006), Analysis of circular genome rearrangement by fusions, fissions and block-interchanges, *BMC Bioinformatics*, Vol. **7**, No. 295. (SCI, IF 3.781)

Conference Papers:

1. **Y.-L. Huang**, C.-C.Huang, C.Y. Tang, and C.L. Lu (2009), An improved algorithm for sorting by block-interchanges based on permutation groups, to appear in: *Proceedings of the 26th Workshop on Combinatorial Mathematics and Computational Theory (ALGO 2009)*.
2. **Y.-L. Huang**, C.-J. Wu, H.-T. Chiu, C.Y. Tang and C.L. Lu (2007), A bioinformatics approach to improving prediction of programmed ribosomal frameshifting, in: S. Ranganathan ed., *Proceedings of the Sixth International Conference on Bioinformatics (InCoB 2007)*.

Book Chapters:

1. C.L. Lu, Y.C. Lin, **Y.-L. Huang** and C.Y. Tang (2007), Analysis of genome rearrangement by block-interchanges, in: N. Bergman ed., *Methods in Molecular Biology*, Vol. **396 (Comparative Genomics, Volume 2)**, Humana Press (ISBN: 978-1-934115-37-4), pp. 121-134.

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Journal Papers:

1. **Yue-Hsun Lin**, A. Studer, Y.-H. Chen, H.-C. Hsiao, J. McCune, K.-H. Wang, M. Krohn, P.-L. Lin, A. Perrig, H.-M. Sun, and B.-Y. Yang, “SPATE: Small-group PKI-less Authenticated Trust Establishment,” *Accepted by IEEE Transactions on Mobile Computing*. **(Impact Factor: 2.647)**

Conference Papers:

1. **Yue-Hsun Lin**, A. Studer, H.-C. Hsiao, J. McCune, K.-H. Wang, M. Krohn, P.-L. Lin, A. Perrig, H.-M. Sun, and B.-Y. Yang, “SPATE: Small-group PKI-less Authenticated Trust Establishment,” *The 7th Annual International Conference on Mobile Systems, Applications and Services (MobiSys '09)*, accepted, 2009. **(acceptance rate: 20%) (Best Paper Award, the only one out of 1/26 accepted papers.)**
2. H.-M. Sun, **Yue-Hsun Lin**, and M.-F. Wu, “API Monitoring System for Defeating Worms and Exploits in MS-Windows System,” *ACISP 2006, Lecture Notes in Computer Science*, Vol. 4058, Springer-Verlag, Berlin, pp. 159-170, 2006. **(acceptance rate: 20%)**
3. H.-M. Sun, W.-H. Chang, S.-Y. Chang, and **Yue-Hsun Lin**, “DepenDNS: Dependable Mechanism against DNS Cache Poisoning,” In *Proceeding of The 8th International Conference on Cryptology And Network Security (CANS 2009)*, pp. 174-188, December 2009. **(acceptance rate: 29%)**
4. H.-C. Hsiao, **Yue-Hsun Lin**, A. Studer, C. Studer, K.-H. Wang, A. Perrig, Hung-Min Sun, B.-Y. Yang, and H. Kikuchi, “A Study of User-Friendly Hash Comparison Schemes,” In *Proceeding of The Annual Computer Security Applications Conference (ACSAC 2009)*, pp.105-114,December, 2009. **(acceptance rate: 19%)**
5. H.-M. Sun, **Yue-Hsun Lin**, Y.-C. Hsiao, and C.-M. Chen, “An Efficient and Verifiable Concealed Data Aggregation Scheme in Wireless Sensor Networks,” In *Proceedings of IEEE International Conference on Embedded Software and Systems (ICCESS 2008)*, pp. 19 – 26, July 2008. **(acceptance rate: 20%)**

6. H.-M. Sun, S.Y. Chang, **Yue-Hsun Lin**, and S.-Y. Chiou, “Efficient authentication schemes for handover in mobile wimax,” In Proceeding of Eighth International Conference on Intelligent Systems Design and Applications, 2008 (**ISDA 2008**).
7. H.-M. Sun, **Yue-Hsun Lin**, S.-M. Chen, Y.-C. Shen, “Secure and fast handover scheme based on pre-authentication method for 802.16/WiMAX infrastructure network,” In *Proceeding of TENCON 2007-2007 IEEE Region 10 Conference*, pp. 1-4, 2007. (Citation count: 7, reference: google scholar)
8. H.-M. Sun, **Yue-Hsun Lin**, C.-T. Yang, and M.-E. Wu, “A Pair-wise Key Establishment for Wireless Sensor Networks,” In Proceeding of IEEE Fifth International Conference on Intelligent Information Hiding and Multimedia Signal Processing, pp. 1152-1155, 2009.

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93 學年度入學 (博六)

Journal Papers

1. **P.-H. Huang** and S.-H. Lai, "Silhouette-Based Shape from Mirror Reflection," *IEEE Trans. on Pattern Analysis and Machine Intelligence (TPAMI)* (submitted)

Conference Papers

1. **P.-H. Huang**, Y.-M. Lin, H.-L. Yang, and S.-H. Lai, "Image Deblurring by Exploiting Inherent Bi-level Regions," *Proc. IEEE International Conference on Image Processing (ICIP'09)*, Cairo, Egypt, Nov. 2009.
2. **P.-H. Huang**, Y.-M. Lin and S.-H. Lai, "Image Deblurring with Blur Kernel Estimation from a Reference Image Patch," *Proc. IEEE International Conference on Pattern Recognition (ICPR'08)*, Tampa, Florida, USA, Dec. 2008.
3. **P.-H. Huang**, and S.-H. Lai, "Silhouette-Based Camera Calibration from Sparse Views under Circular Motion," *Proc. IEEE Computer Vision and Pattern Recognition (CVPR'08)*, Alaska, USA, Jun. 2008.
4. **P.-H. Huang**, and S.-H. Lai, "Camera Calibration from Silhouettes under Incomplete Circular Motion with a Constant Interval Angle," *Proc. 8th Asian Conference on Computer Vision (ACCV'07)*, Tokyo, Japan, Nov. 2007.
5. **P.-H. Huang**, Y.-C. Chien, and S.-H. Lai, "Automatic Multi-Layer Red-Eye Detection," *Proc. IEEE International Conference on Image Processing (ICIP'06)*, Atlanta, USA, Oct. 2006.
6. **P.-H. Huang**, and S.-H. Lai, "Contour-Based Structure from Reflection," *Proc. IEEE Computer Vision and Pattern Recognition (CVPR'06)*, New York, USA, Jun. 2006.
7. C.-M. Cheng, **P.-H. Huang**, and S.-H. Lai, "Robust Metric Structure from Motion for an Extended Sequence with Outliers and Missing Data," *Proc. ICCV BenCOS Workshop (Towards Benchmarking Automated Calibration, Orientation and Surface Reconstruction from Images)*, Beijing, China, Oct.15, 2005.
8. C.-M. Cheng, S. F. Wang, C.-H. Teng, **P.-H. Huang**, Y.-C. Chien, and S.-H. Lai, "Three-Dimensional Model Reconstruction for Treasures of Jadeite Material from Uncalibrated Image Sequences," *Proc. SPIE Conference on Videometrics*, San Jose, California, Jan. 2005.
9. **P.-H. Huang**, Y.-L. Chen, C.-M. Cheng, Y.-A. Lu, and S. H. Lai, "Robust 3D Object Model Reconstruction from Video", *Proc. SPIE Conference on Three-Dimensional Image Capture and Applications VI*, San Jose, California, Jan. 2004.

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Journal Publications

- [1]. [Shu-Fan Wang](#) and Shang-Hong. Lai, “Reconstructing 3D Face Model with Associated Expression Deformation from a Single Face Image via Constructing a Low-Dimensional Expression Deformation Manifold”, IEEE Transactions on Pattern Analysis and Machine Intelligence (**TPAMI**), 2010 (under revision)
- [2]. [Shu-Fan Wang](#) and Shang-Hong. Lai, “Compressibility-Aware Media Retargeting with Structure Preserving”, IEEE Transactions on Image Processing (**TIP**), 2010. (submitted)
- [3]. Chen-Kuo Chiang, [Shu-Fan Wang](#), Yi-Ling Chen, and Shang-Hong Lai, “Fast JND-Based Video Carving with GPU Acceleration for Real-Time Video Retargeting”, IEEE Transactions on Circuits and Systems for Video Technology (**TCSVT**), 2009. (SCI)
(Impact factor: 2.951)
- [4]. [Shu-Fan Wang](#), Shang-Hong Lai, “Reconstructing 3D Shape, Albedo and Illumination from a Single Face Image”, Computer Graphics Forum (**CGF**), 2008. (SCI)
(Impact factor: 1.86)
- [5]. Chia-Ming Cheng, [Shu-Fan Wang](#), Chin-Hung Teng, and Shang-Hong Lai, “Image-Based Three-Dimensional Model Reconstruction for Chinese Treasure - Jadeite Cabbage with Insects”, Computer and Graphics (**CAG**), 2008. (SCI).
(Impact factor: 0.731)

Conference Publications

- [1]. [Shu-Fan Wang](#) and Shang-Hong. Lai, “Manifold-Based 3D Face Caricature Generation with Individualized Facial Feature Extraction”, Pacific Graphics (**PG**), 2010. (submitted)
- [2]. [Shu-Fan Wang](#) and Shang-Hong. Lai, "Image Compressibility Assessment and The Application of Structure-Preserving Image Retargeting", Proc. IEEE International Conference on Multimedia and Exposition(**ICME**), Singapore, July 2010. **(Oral paper, acceptance rate: 15%)**

- [3]. [Shu-Fan Wang](#), Yi-Ling Chen, Chen-Kuo Chiang, and Shang-Hong Lai "Content-Aware Geometry Image Resizing", Proc. Computer Graphics International(CGI), short paper, Singapore, June 2010.
- [4]. [Shu-Fan Wang](#), Yi-Ling Chen, Chen-Kuo Chiang, and Shang-Hong Lai "Surface Simplification by Image Retargeting", SIGGRAPH Asia 2009 Sketches.
- [5]. [Shu-Fan Wang](#) and Shang-Hong. Lai, "Fast Structure-Preserving Image Retargeting", Proc. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Taipei, Taiwan R.O.C., April. 2009.
- [6]. Chia-Te Liao, [Shu-Fan Wang](#), Yun-Jen Lu and Shang-Hong Lai, "Video-Based face Recognition Based on View Synthesis from 3D Face Model Reconstructed from a Single Image", Proc. IEEE International Conference on Multimedia and Exposition (ICME), Hannover, Germany, June 2008.
- [7]. [Shu-Fan Wang](#) and Shang-Hong. Lai, "Estimating 3D Face Model and Facial Deformation from a Single Image Based on Expression Manifold Optimization", Proc. European Conference on Computer Vision (ECCV), Marseille, France, Oct. 2008.
(Total acceptance rate: 27.9%)
- [8]. [Shu-Fan Wang](#) and Shang-Hong. Lai, "Reconstructing 3D Shape, Albedo and Illumination from a Single Face Image", Proc. Pacific Graphics (PG), Tokyo, Japan, Oct. 2008.
(Oral paper, acceptance rate: 18.3%)
- [9]. [Shu-Fan Wang](#) and Shang-Hong Lai, "Efficient 3D face reconstruction from a single 2D image by combining statistical and geometrical information", Proc. Asian Conf. Computer Vision (ACCV), LNCS, Vol. 3852, pp. 427-436, Jan. 2006.
(Oral paper, acceptance rate: 12.8%)
- [10]. Chia-Ming Cheng, [Shu-Fan Wang](#), Chin-Hung Teng, Po-Hao Huang, Yu-Chieh Chien, and Shang-Hong Lai, "Three-dimensional model reconstruction for treasures of jadeite material from uncalibrated image sequences", Proc. SPIE Conf. on Videometrics, San Jose, California, Jan. 2005.