**PROFESSIONAL SERVICE**

**Editorial Service**

* + 1. **Associate Editor (AE)** of IEEE Transactions on Neural Networks and Learning Systems (TNNLS), January 2019- December 2022.
    2. **Associate Editor (AE)** of IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), January 2018 – December 2019. TCSVT is a premier journal in Circuits and System Society.
    3. **Associate Editor (AE)** of ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM), January 2016- present.
    4. **Associate Editor (AE)** of IEEE Transactions on Multimedia (TMM), February 2014- present.
    5. **Associate Editor (AE)** of Multimedia System Journal, Springer, January 2013 - present.
    6. **Associate Editor (AE)** of IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), April 2010 – December 2015 TCSVT is a premier journal in Circuits and System Society.
    7. **Editor** of Machine Vision and Application Journal (MVA), Springer, April 2011 - present.
    8. **Editor** of Journal of Multimedia, 2006-present.
    9. **Guest Editor** of IEEE Transactions on Multimedia (TMM), *Special Issue on Pre-Trained Models for Multi-modality Understanding*, 2022-203. The guest editors are Wengang Zhou(University of Science and Technology of China), Jiajun Deng(The University of Sydney, Australia), Niculae Sebe(University of Trento, Italy), **Qi Tian** (Huawei Cloud), Alan L. Yuille(Johns Hopkins University, USA), Concetto Spampinato(Università degli Studi di Catania), Zakia Hammal(Carnegie Mellon University).
    10. **Guest Editor** of International Journal of Multimedia Information Retrieval (IJMIR), *Special Issue on Cross-modal Retrieval and Analysis*, Vol 11, pp: 523-524, 2022. https://doi.org/10.1007/s13735-022-00265-2. The guest editors are Jianlong Wu (Shandong University, China), Richang Hong (Hefei University of Technology, China), and **Qi Tian** (Huawei Cloud, China).
    11. **Gust Editor** of Multimedia Systems Journal (MMSJ), *Special Issue on Multimedia Analysis with Collective Intelligence*, 2017-2018. The other guest editors are Meng Wang (Hefei University of Technology), Abdulmotaleb EI Saddik(University of Ottawa), Mathias Lux(Klagenfurt University), and Yun Tie (Zhengzhou University).
    12. **Guest Editor** of Journal of Visual Communication and Image Representation, *Special Issue on Intermediate Representation for Vision and Multimedia Applications*. Vol. 44, pp: 227-228, April 2017. The other guest editors are Yan Yan (University of Michigan, Ann Arbor), Yahong Han (Tianjin University), and Petia Radeva(Universitat de Barcelona),
    13. **Guest Editor** of IEEE Transactions on Multimedia, Special Issue on *Large-Scale Multimedia Data Retrieval, Classification, and Understanding*, 2016-2017. The other guest editors are Jingkuan Song(Columbia University, USA), Cees Snoek(University of Amsterdam, Netherlands), Herve Jegou(Facebook, France/USA), and Nicu Sebe(University of Trento, Italy).
    14. **Guest Editor** of Computer Vision and Image Understanding, Special Issue on *Large Scale Multimedia Semantic Indexing*, 2013-2014. The other guest editors are Yadong Mu (Columbia University), Yi Yang (Carnegie Mellon University), Liangliang Cao (IBM T.J. Watson Research Lab), Shuicheng Yan (National University of Singapore).
    15. **Guest Editor** of Multimedia Systems Journal (MMSJ), Special Issue on *When Social Media Meets Psychical World*, 22(4):393-394, 2016. The other guest editors are Rongrong Ji (Xiamen University), Yue Gao (National University of Singapore), Qionghai Dai (Tsinghua University), Ralf Steinmetz (Technische Universität Darmstadt).
    16. **Guest Editor** of Journal of Machine Vision and Application (MVA), Special Issue on *Contextual Vision Computing*, 2013. The other guest editors are Richang Hong (Hefei University of Technology, China) and Nicu Sebe (University of Trento).
    17. **Guest Editor** of Multimedia Tools and Applications (MTAP) -Springer, Special Issue on Large-Scale Multimedia Content Analysis on Social Media, 75(3): 1365-1369, 2016. The other guest editors are Haojie Li (Dalian University of Techbology), Zhengjun Zha (Institute of Intelligent Machines, CAS), Benoit Huet (Institut Eurecom, France).
    18. **Guest Editor** of Journal of Visual Communication and Image Representation, Special Issue on *Sparse Representations for Image and Video Analysis*, Vol. 24, Issue 2, February, 2013. The other guest editors are Jinghui Tang (NJUST), Shuicheng Yan (NUS), John Wright (Columbia University), Tanwei Pang (Tianjin University), Edwige Pissaloux (Université Pierre et Marie Curie, France).
    19. **Lead Guest Editor** of IEEE Transactions on Multimedia, Special Issue on *Learning Semantics from Multimedia Web Resources*, Vol. 14, No. 4, pp:949-950, August 2012. The other guest editors are Jinhui Tang (NUS), Marcel Worring (University of Netherlands), Daniel Gatica-Perez (IDIAP Research Institute).
    20. **Guest Editor** of Journal of Pattern Recognition Letter, Special Issue on *Intelligent Multimedia Interactivity*. The other guest editors are Ling Shao (The University of Sheffield), Alberto Del Bimbo (The University of Florence), and Changsheng Xu (Chinese Academy of Science, China). Volume 33, Issue 4, pp. 371-372. March, 2012, Elsevier Science Inc. New York, NY, USA.
    21. **Guest Editor** of ACM Tractions Intelligent Systems and Technology (ACM TIST) Special Issue on *Intelligent Multimedia Systems and Technology*, Part II, 3(3):39, 2012. Other co-editors are Xian-Sheng Hua, Ramesh Jain, and Albert Del Bimbo.
    22. **Guest Editor** of IEEE Transactions on Multimedia (T-MM) Special Issue on *Integration of Context and Content for Multimedia Management*, Vol. 11, No. 2, pp:193-195, 2009. Other co-editors are Alan Hanjalic, Alejandro Jaimes, and Jiebo Luo.
    23. **Guest Editor** of EURASIP Journal on Advances in Signal Processing, Special Issue on *Signal Processing for Applications in Healthcare Systems,* Publication date: June 1, 2008. <http://www.hindawi.com/journals/asp/si/ahs.html>. Other co-editors: P.-C. Chung, Chein-I Chang, Chien-Cheng Lee.
    24. **Guest Editor** of Journal of Computer Vision and Image Understanding (CVIU) Special Issue on *Similarity Matching in Computer Vision and Multimedia***,** November 2006. URL: <http://www.cs.utsa.edu/~qitian/cfp_cviu.htm>. Other co-editors are Nicu Sebe, Michael Lew, and Thomas S. Huang.

**Conference Chair or Conference Organizer**

* + 1. **Industry Liaison Chair**, IEEE International Conference on Multimedia and Expo, July 15-19, 2024, Niagra Falls, Canada.
    2. **Area Chair,** ACM Multimedia, October 29-Novermber 3, 2023, Ottawa, Canada.
    3. **Area Chair**, ICCV 2023, October 2-6, 2023, Paris, France.
    4. **Area Chair**, CVPR 2022, June 19-23, 2022, New Orleans, Louisiana, United States.
    5. **Area Chair**, ACM Multimedia, October 10-14, 2022, Lisbon, Portugal.
    6. **Industry and Practitioners Chair**, ACM ICMR 2022, June 27-30, 2022, Newmark, NJ, USA.
    7. ChinaMM 2022 华为论坛多模态预训练和识别 Workshop组织者，2022年7月20-23日
    8. **Area Chair**, ACM Multimedia 2021, Chengdu, China, October 20-24, 2021.
    9. **Best Paper Award Committee,** MM-Asia, 2021.
    10. **Area Chair**, ACM Multimedia 2020, Seattle, WA, USA, October 12-16, 2020.
    11. **General Chair,** ACM Multimedia Asia (MM Asia),Singapore, December 16-18, 2020.
    12. **Sponsorship Chair,** ACM Multimedia 2019, Nice, France, October 21-25, 2019.
    13. **MMSP TC Award Subcommittee Chair**, 2018.
    14. **Chair** of Visual Signal Processing & Communication Technical Committee (VSPC-TC), IEEE Circuits and Systems Society (CASS), 2018-2020.
    15. **SIGMM Executive Committee Member-at-large**, July 1, 2019- June 30, 2022
    16. **Area Chair**, ACM Multimedia, Seoul, Korea, October 22-26, 2018.
    17. **Publicity Chair,** the IEEE International Conference on Multimedia Big Data, Xi’an, China, September 13-16, 2018.
    18. **Area Chair**, International Conference on Pattern Recognition (ICPR), Beijing, China, August 20-24, 2018.
    19. **Area Chair**, IEEE International Conference on Multimedia and Expo (ICME), San Diego, CA, USA, July 23-27, 2018.
    20. **Panel Chair,** IEEE International Conference on Multimedia and Expo (ICME), San Diego, CA, USA, July 23-27, 2018.
    21. **Technical Program Chair**, ACM International Conference on Multimedia Retrieval (ICMR), Yokohama, Japan, June 11-14, 2018.
    22. **Track Chair,** the 2018 IEEE International Symposium on Circuits and Systems (ISCAS),  
        Florence, Italy, May 27-30, 2018.
    23. **Tutorial Chair,** IEEE International Conference on Visual Communications and Image Processing (VCIP), December 10, 2017, Orlando, USA.
    24. **Area Chair**, 2017 International Conference on Computer Vision (ICCV), Venice, Italy, October 22-29, 2017.
    25. **First International ACM Thematic Workshop Chair,** ACM Multimedia, Mountain View, CA, October 23-26, 2017.
    26. **Area Chair,** ACM Multimedia, “Multimedia in Data Sciences”, Silicon Valley, California, USA October 14 – 18, 2017.
    27. **Exhibits/Demo Chair,** IEEE International Conference on Image Processing (ICIP), Beijing, China, September 17-20, 2017.
    28. **Area Chair,** 2017 IEEE International Conference on Computer Vision and Pattern Recognition (CVPR), July 2017.
    29. **Track Chair,** the 2017 IEEE International Symposium on Circuits and Systems (ISCAS),  
        Baltimore, MD, USA, May 28-31, 2017.
    30. **University Student Branch Liaison-San Antonio (**Appointment confirmed 6 April 2016**),** IEEE-CTS.
    31. **Secretary of** Visual Signal Processing & Communication Technical Committee (VSPC-TC), IEEE Circuits and Systems Society (CASS), 09/2016-08/2018.
    32. **Area Chair**, IEEE International Conference on Visual Communications and Image Processing (VCIP), November 27-30, 2016, Chengdu, China.
    33. **Area Chair**, the ACM Multimedia, Amsterdam, the Netherlands, October 16-19, 2016.
    34. **Area Chair**, the 14th European Conference on Computer Vision (ECCV), Amsterdam, the Netherlands, October 8-16, 2016.
    35. **Area Chair,** the 23rd International Conference on Pattern Recognition (ICPR), Cancun, Mexico, December, 2016
    36. **Best Paper Committee**, IEEE International Conference on Visual Communications and Image Processing (VCIP), November 27-30, 2016, Chengdu, China.
    37. **Best Paper Committee**, IEEE International Conference on Multimedia and Expo (ICME), Seattle, WA, USA, July 11-14, 2016.
    38. **Technical Program Chair,** the 2016 Pacific-rim Conference on Multimedia (PCM), September 15-16, 2016, Xi’an, China.
    39. **General Chair**, International Conference on Multimedia Modeling (MMM), Miami, FL, January 4-6, 2016.
    40. **General Chair**, ACM Multimedia 2015, Brisbane, Australia.
    41. **Best Paper Committee Chair,** ACM Multimedia 2015, Brisbane, Australia.
    42. **Session Chair**, IEEE International Conference on Multimedia and Expo (ICME 2015), Session titled “Understanding from Visual Data,” June 30, 2015, Torino, Italy.
    43. **Session Chair,** ACM International Conference on Multimedia Retrieval (ICMR), Session titled “Image Retrieval”, June 24, 21015, Shanghai, China.
    44. **Session Chair,** IEEE International Conference on Circuits and Systems (ISCAS), Session titled “”, May 28, 2015, Lisbon, Portugal.
    45. **Publicity Chair and TC Member**, Visual Signal Processing & Communication Technical Committee (VSPC-TC), IEEE Circuits and Systems Society (CASS), 2015.
    46. **TC Member,** Multimedia Systems & Applications Technical Committee (MSA-TC), IEEE Circuits and Systems Society (CASS), September 1, 2015-August 31, 2019.
    47. **Chair of Education Subcommittee,** Multimedia Signal Processing Technical Committee (MMSP-TC), IEEE Circuits and Systems Society (CASS)
    48. **Track Chair**, the 3rd IEEE China Summit & International Conference on Signal and Information Processing (ChinaSIP), July 12-15, 2015, Chengdu, China.
    49. **Area Chair**, IEEE International Conference on Image Processing (ICIP), September 27-30, 2015, Quebec City, Canada.
    50. **Area Chair,** Multimedia Search and Retrieval, IEEE International Conference on Multimedia and Expo (ICME), June 29-July 3, 2015, Torino, Italy.
    51. **Workshop Chair**, ACM International Conference on Multimedia Retrieval (ICMR), Shanghai, June 23-26, 2015.
    52. **Area Chair**, Multimedia Database and Information Retrieval, IEEE International Conference on Multimedia (ISM), Taichun, Taiwan, December 10-12, 2014.
    53. **Area Chair**, Multimedia Search and Recommendation, ACM Multimedia 2014, Orlando, FL, November 3-7, 2014.
    54. **Member,** Multimedia Signal Processing Technical Committee (MMSP-TC), IEEE Circuits and Systems Society (CASS), (2013-2014).
    55. **Best Poster Committee,** ACM Multimedia 2014, Orlando, FL.
    56. **Best Paper Committee Co-Chair**, IEEE Transactions on Multimedia (TMM), 2014.
    57. **Area Chair**, IEEE International Conference on Image Processing (ICIP), Paris, France, 2014.
    58. **Workshop Chair**, IEEE International Conference on Multimedia and Expo (ICME 2014), Chengdu, China, 2014.
    59. **Proceedings Chair**, ACM Multimedia 2013, Barcelona, Spain.
    60. **ACM International Conference on Multimedia Retrieval (ICMR) Steering Committee Member**, 2009-2014.
    61. **Panel Chair**, Pacific-rim Conference on Multimedia, December 13-16, 2013, Nanjing China.
    62. **Area Chair** for IEEE International Conference on Image Processing (ICIP), Melbourne, Australia, 2013.
    63. **Best Paper Committee,** The 5th International Conference on Internet Multimedia Computing and Service (ICIMCS 2013), August 17-18, 2013, Huangshan, China.
    64. **Special Session Chair**, ACM International Conference on Multimedia Retrieval (ICMR), Dallas, April 16-19, 2013.
    65. **Best Paper Committee Member,** The 2012 Pacific-Rim Conference on Multimedia (PCM), December 4-6, 2012, Nanyang Technological University, Singapore.
    66. **Technical Demonstration Chair**, ACM Multimedia, October 29-Novermber 2, 2012, Nara, Japan.
    67. **Area Chair** of Multimedia Search and Retrieval, ACM Multimedia 2012, October 29-November 2, 2012, Nara, Japan.
    68. **Track Chair** of **Multimedia Applications, Interface and Interactions, International Conference on Multimedia and Expo, July 9-13, 2012, Melbourne, Australia.**
    69. **Area Chair** of Media Analysis and Search, ACM Multimedia 2011, November 28-December 1, 2011, Scottsdale, AZ.
    70. **Director**, 2011 US-China Vision, Learning, and Pattern Recognition (VLPR) Summer School, July 16-23, 2011, Chengdu, China. Other co-directors are Yi Ma (MSRA) and Shuilin Tian (UESTC).
    71. **Best Paper Award Committee Co-Chair,** IEEE International Symposium on Multimedia (ISM 2011), Dana Point, CA, December 5-7, 2011.
    72. **Panel Organizer** for the panel titled “The Use of Non-conventional Means for Media Content Analysis and Understanding,” in *ACM Multimedia 2010*, Florence, Italy, October 24-29, 2010. Co-organized with Nicu Sebe, from University of Trento, Italy.
    73. **Industrial Exhibits Chair**, *ACM Multimedia 2010*, October 25-29, 2010, Firenze, Italy.
    74. **Program Chair**, *International Workshop of Analysis and Evaluation of Large-Scale Multimedia Collections*, in conjunction with *20th International Conference on Pattern Recognition (ICPR 2010)*, August 23-26, 2010, Istanbul, Turkey.
    75. **Panelist**, “Data everywhere: challenges and opportunities of unlimited data for multimedia content understanding,” *2010 IEEE Visual Communication for Image Processing (VCIP)*, July 11-14, 2010, Huangshan, Anhui, China. Panel organizers: Dong Xu, NTU and Lei Zhang from MSRA. Other panelists including Ling Guan (Ryerson University), Ling Shao (University of Sheffield), Weisi Lin (Nanyang Technological University), and Shipeng Li (MSRA).
    76. **Program Chair**, *ACM International Conference on Image and Video Retrieval (CIVR 2010)*, July 2010, Xi’an, China.
    77. **Program Chair,** *The 16th International Multimedia Modeling Conference (MMM 2010)*, January 2010, Chongqing, China.
    78. **Panel and Tutorial Chair**, *Visual Communication and Image Processing (VCIP)*, July 11-14, 2010, Huangshan, Anhui, China.
    79. **Program Chair**, *The 1st ACM International Conference on Internet Multimedia Computing and Services (ICIMCS),* November 23-25, 2009, Kunmin, Yunnan, China.
    80. **Program Chair,** *ACM Multimedia Workshop on Large-Scale Multimedia Retrieval and Mining (LSMMRM)*, October 23, 2009, Beijing, China.
    81. **Program Coordinator**, ACM Multimedia 2009, October 19-24, 2009, Beijing, China.
    82. **Panelist**, “What are the most exciting achievements in Multimedia for the past five years?” *IEEE International Conference on Multimedia and Expo (ICME 2009)*, June 30-July 3, 2009, New York, NY, USA.
    83. **Panel Organizer** for the panel titled “Multimedia Content Analysis: Model-based Approaches vs. Data-driven Approaches”, one of two panels in ACM Multimedia (MM09), October 22, 2009, Beijing, China. Co-organized with Dr. Lei Zhang from Microsoft Research Aisa (MSRA), and panelists are Dr. Edward Chang (Google China), Prof. Bo Zhang (Tsinghua University), Dr. Wei-Ying Ma (MSRA), Dr. John Smith (IBM), and Prof. Mor Naaman (Rutgers University).
    84. **Track Chair,** *IEEE International Conference on Multimedia and Expo (ICME)*, June 28-July 3, 2009, New York, NY.
    85. **General Chair**, Asia-Pacific Workshops on Visual Information Processing (VIP 2008), December 8-9, 2008, Southern Taiwan University of Technology, Tainan, Taiwan.
    86. **Track Chair**, *IEEE International Conference on Multimedia and Expo (ICME)*, June 23-26, 2008, Hannover, Germany.
    87. **Publicity Chair**, *Pacific-rim Conference on Multimedia*, December 9-12, 2008, National Cheng Kung University, Tainan, Taiwan.
    88. **Special Session Chair**, *ACM International Conference on Image and Video Retrieval (CIVR'08)*, July 7-9, 2008, Niagara Falls, Canada.
    89. **Program Chair**, Asia-Pacific Workshops on Visual Information Processing (VIP 2007), December 15-17, 2007, National Cheng Kung University, Tainan City, Taiwan, R.O.C.
    90. **Program Chair**, Fifth International Conference on Intelligent Multimedia and Ambient Intelligence, July 15-22, 2007, Salt Lake City, Utah, USA.
    91. **Special Session Chair**, 2007Pacific-Rim Conference on Multimedia (PCM 2007), December 11-14, 2007, Hong Kong, 2007.
    92. **Publicity Chair**, ACM International Conference on Image and Video Retrieval (CIVR 2007), July 9-11, 2007, Amsterdam, The Netherlands, 2007.
    93. **Publicity Chair**, ACM Multimedia, October 22-28, 2006, Santa Barbara, CA.
    94. **Track Chair of Multimedia Content Analysis**, IEEE International Conference on Multimedia and Expo (ICME 2006), July 9-12, 2006, Toronto, Canada.
    95. **Best Paper Committee Member**, The16th International Multimedia Modeling Conference (MMM), January 6-8, 2010, Chongqing, China.
    96. **Best Paper Committee Member,** ACM Multimedia, Beijing Oct. 19-23, 2009, Beijing, China.
    97. **Best Paper Committee Member,** IEEE International Conference on Multimedia and Expo (ICME 2009), June 30-July 4, 2009, New York, NY.
    98. **Best Paper Committee Member,** IEEE International Conference on Multimedia and Expo (ICME 2006), July 9-12, 2006, Toronto, Canada.
    99. **Program Chair**, Multimedia Systems and Applications IX, SPIE’s International Symposium on Optics East 2006, October 1-4, 2006, Boston, MA.
    100. **Program Chair**, The 7th [ACM SIGMM International Workshop on Multimedia Information Retrieval](http://www.liacs.nl/~mir/) (MIR 2005), in conjunction with the ACM Multimedia 2005, November 11-12, 2005, Singapore.
    101. **Program Chair**, Internet Multimedia Management Systems, OpticsEast, SPIE, October, 2005, Boston, MA. Co-chaired with Dr. John Smith, IBM T. J. Watson Research Center, and Dr. Tong Zhang, Hewlett-Packard Lab, Palo Alto, CA.
    102. **International Steering Committee Member**, ACM Multimedia Information Retrieval Workshop, 2006-2010.

**Session Chair (**incomplete list since 2016**)**

* + 1. 2016 ACM Multimedia, Session on Topics in Multimedia IV, October 19, 2016, Amsterdam, the Netherlands.
    2. 2014 ACM Multimedia, Session on Multimedia Search and Indexing, November 6, 2014, Orlando, FL.
    3. The 5th International Conference on Internet Multimedia Computing and Service (ICIMCS 2013), Session on Social Multimedia, August 18, Huangshan, China.
    4. The 19th International Conference on Multimedia Modeling (MMM), Session on Multimedia Annotation, January 7, 2013, Huangshan, China.
    5. 2012 ACM Multimedia, Session on Visual Search, October 31, Nara, Japan.
    6. 2011 ACM Multimedia, Session on Media Analysis and Search (Research 7), November 30, 2011, Scottsdale, AZ.
    7. 2011 International Workshop on Multimedia Signal Processing (MMSP), Session on Cloud-client and Large-scale Computing, October 17, 2011, Hangzhou, China.
    8. 2010 ACM Multimedia, Session on Applications, October 27, 2010, Florence, Italy.
    9. 2010 ACM Multimedia, Session on Industrial Exhibit, October 28, 2010, Florence, Italy.
    10. 2010 ACM International Conference on Image and Video Retrieval (CIVR), keynote speech titled “Towards Web-Scale Media Content Analysis and Retrieval - What has University Research  Contributed to Commercial Systems and Social Network Services,” by Tat-Seng Chua, NUS, Singapore.
    11. 2010 ACM International Conference on Image and Video Retrieval (CIVR), keynote speech titled “What Can Billions of Queries Tell Us About Image Search? A Human-Centered Perspective,” by Alejandro Jaimes, Yahoo! Research, Spain.
    12. ACM Multimedia, Session Chair of Image Retrieval, October 19-23, 2009, Beijing, China.
    13. ACM International Workshop on Large-Scale Multimedia Retrieval and Mining, October 23, 2009, Beijing, China.
    14. IEEE International Conference on Multimedia and Expo (ICME), Special Session Chair of Large-Scale Image Retrieval, June 28-July 3, 2009, New York, NY.
    15. ACM Multimedia, Session Chair of Image Retrieval, October 30, 2008, Vancouver, Canada.
    16. Pacific-Rim Conference on Multimedia (PCM), Session Chair of Image Classification and Retrieval, December 11-14, 2007, City University of Hong Kong, Hong Kong.
    17. 9th ACM SIGMM International Workshop on Multimedia Information Retrieval, Session on “Personalized Multimedia Information Retrieval,” in conjunction with ACM Multimedia 2007, September 28-29, 2007, University of Augsburg, Germany.
    18. IEEE International Conference on Multimedia and Expo (ICME 2007), Special Session on “Mobile Media”, July 2-5, 2007, Beijing, China.
    19. IEEE International Conference on Multimedia and Expo (ICME 2007), Session on “Multimedia Tools, Applications, and Hypermedia Technologies (III),” July 5, 2007, Beijing, China.
    20. [IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2007)](http://www.icassp2007.org/), Session on “Video Coding,” April 18, 2007, Honolulu, Hawaii.
    21. ACM Multimedia, October 23-26, 2006. “Applications - Searching Media,” Wednesday, October 25, 2006, Santa Barbara, CA.
    22. IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2006), IMDSP-P15 “Image Restoration and Denoising,” May 19, 2006.
    23. IEEE International Conference on Multimedia and Expo (ICME 2006), Special Session on “Interactive Multimedia Content Analysis and Applications,” July 9-12, 2006, Toronto, Canada.
    24. The 7th ACM SIGMM International Workshop on Multimedia Information Retrieval (MIR 2005), “Video Annotation, Indexing and Retrieval” and “Image/WWW-based System and Applications,”November 10-11, 2005, Singapore, in conjunction with ACM Multimedia 2005.
    25. SPIE’s Optics East 2005, Multimedia Systems and Applications VIII (Conference 6015), “Content-Based Image/Video Retrieval”, October 23-26, 2005, Boston, MA.
    26. Visual Communications and Image Processing (VCIP2005), Special Session on “Media Processing for Digital Entertainment,” Beijing, China, July 12-15, 2005.
    27. Visual Communications and Image Processing (VCIP 2005), “Image Content Analysis,” Beijing, China, July 12-15, 2005.
    28. [Internet Multimedia Management Systems V](http://spie.org/Conferences/Calls/04/it/submitAbstract/index.cfm?fuseaction=IT207), OpticsEast, SPIE, “Adaptation and Mining,” October 26-28, 2004, Philadelphia, PA.

**Technical Program Committee Member**

Dr. Tian has actively served as a TPC member for numerous IEEE and ACM conferences including ACM SIGMM, ACM SIGIR, ICCV, ACM SIGKDD, ICIP, ICASSP, ICME,CIVR, MIR, ISCAS, VCIP, MMM, ICPR, etc.

**Partial list TPC since 2009**

1. Program Committee for the ACM International Conference on Multimedia Retrieval (ICMR-23) Regular Short Papers Track.
2. IEEE International Conference on Multimedia and Expo (ICME), July 23-27, 2018, San Diego, USA.
3. The 43rd IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2018), April 15-20, 2018, Calgary, Alberta, Canada.
4. IEEE VCIP 2017, December 10-13, 2017, St Petersburg, FL, USA.
5. IEEE International Conference on Image Processing (ICIP), September 17-20, Beijing, China.
6. BMVC 2017, September 4-7, 2017, Imperial College London.
7. The 40th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR), short paper, August 7-11, 2017, Tokyo, Japan.
8. IEEE International Conference on Multimedia and Expo (ICME), July 10-14, 2017, Hong Kong.
9. ACM International Conference on Multimedia Retrieval (ICMR), June 6-9, 2017, Bucharest, Romania.
10. The 42nd IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2017), March 5-9, 2017, New Orleans, USA.
11. ACM International Conference on Multimedia Retrieval (ICMR), June 6-9, 2017, Bucharest, Romania.
12. Asian Conference on Computer Vision (ACCV), November 20-24, 2016, Taipei, Taiwan.
13. ACM SIGIR 2016, short paper track, July 17-21, 2016, Pisa, Tuscany, Italy.
14. ACM International Conference on Multimedia Retrieval(ICMR), June 6-9, 2017, New York, USA.
15. IEEE International Symposium on Circuits and Systems (ISCAS), May 24-27, 2015, Lisbon, Portugal.
16. The 8th International Conference on Image and Graphics (ICIG2015), August 13-16, 2015, Tianjin, China.
17. IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), April 19-24, 2015, Brisbane, Queensland, Australia.
18. The 37th Annual International ACM SIGIR Conference, Queensland, Australia, July 6-11, 2014.
19. 2014 International Conference on Image Processing, Paris, France, October 27-30, 2014.
20. 2014 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Florence, Italy, May 4-9, 2014.
21. 2014 ACM International Conference on Multimedia Retrieval (ICMR), Glasgow, April 1-4, 2014.
22. 2014 ACM International Conference on Internet Multimedia Computing and Services (ICIMCS), July. 10-12, 2014, Xiamen, China.
23. The 36th Annual ACM SIGIR Conference, Dublin, Ireland, Long Paper and Short Paper, July 28- August 1, 2013,
24. The Third IEEE International Workshop on Mobile Vision in conjunction with CVPR'2013.
25. The 9th International Conference on Computer Vision Systems (ICVS 2013), St. Petersburg, Russia, July 16-18, 2013.
26. The 19th International Conference on Multimedia Modeling, January 7-9, 2013, Huangshan, China.
27. The 2012 Pacific-rim Conference on Multimedia, December 4-7, 2012, Singapore.
28. The 35th ACM International Conference on Research and Development in Information Retrieval (SIGIR2012), Portland, Oregon, USA, Aug. 12-16, 2012.
29. The 6th International Conference on Multimedia and Ubiquitous Engineering (MUE 2012), Leganes, Madrid, July 10-13, 2012.
30. The 4th International Conference on Internet Multimedia Computing and Service, September 9-11, 2012, Wuhan, China.
31. ACM International Conference on Multimedia Retrieval, Hong Kong, Jun 5-8, 2012.
32. Second IEEE International Workshop on Mobile Vision (IWMV), 2011, in conjunction with IEEE CVPR 2011, Colorado, US.
33. IEEE International Conference on Image Processing, September 11-14, 2011, Brussels, Belguim.
34. ACM SIGIR Poster Track, 2011.
35. IEEE International Conference on Multimedia and Expo (ICME), July 11-15, 2011, Barcelona, Spain,
36. ACM Multimedia, Content Track, 2010.
37. Meta-reviewer for the 12th International Conference on Multimodal Interfaces and 7th Workshop on Machine Learning for Multimodal Interaction, November 8-12, 2010, Beijing, China.
38. Multimedia Data Mining Workshop in conjunction with ACM SIGKDD conference, July 25, 2010, Washington, DC.
39. The First ACM International Workshop on Connected Multimedia In conjunction with ACM MM 2010: ACM International Conference on Multimedia, October, 2010, Florence, Italy.
40. Workshop on Very-Large-Scale Multimedia Corpus, Mining and Retrieval, in conjunction with ACM Multimedia, October 29, 2010, Firenze, Italy.
41. Tenth International Workshop on Multimedia Data Mining, in conjunction with KDD 2010 Conference, July 25-28, 2010, Washington, DC.
42. ACM SIGIR, July 19-23, 2010, Geneva, Switzerland.
43. Visual Communications and Image Processing, July 11-14, 2010, Huang Shan, An Hui, China.
44. ACM SIGIR, July 19-23, 2009, Boston, MA.
45. The 20th IEEE International Conference on Computer Vision, September 27-October 4, 2009.
46. The 4th International Workshop on Semantic Learning (SLAM), June 21st, 2009, Miami beach, FL.
47. IEEE International Workshop on Genomic Signal Processing and Statistics (GENSIPS), May 17-21, 2009, Minneapolis, Minnesota.
48. The First IEEE International Workshop on Multimedia Computing and Communications (MCC’09), August 2-6, 2009, in conjunction with IEEE International Conference on Computer Communications and Networks (ICCCN), 2009.
49. The 10th International Workshop on Image Analysis for Multimedia Interactive Systems (WIAMIS), May 6-8, 2009, London, U.K.
50. ACM Multimedia, Multimedia Content Analysis, Processing, Retrieval Track, October 7-November 1, 2008, Vancouver, BC, Canada.
51. IEEE International Conference on Multimedia and Expo (ICME 2008), June 23-26, 2008, Hannover, Germany.
52. 1st International Workshop on: Robust Multimedia Learning in Broad Domains, October 31, 2008, Vancouver, BC, Canada.
53. ACM International Conference on Multimedia Information Retrieval (MIR), October 30-31, 2008, Vancouver, Canada.
54. First International Workshop on Video Mining (VM’08), in association with ICDM 2008, Pisa, Italy, December 15, 2008.
55. 3rd International Workshop on Semantic Learning and Applications in Multimedia (SLAM), CVPR Workshop, June 27, 2008, Anchorage, Alaska, USA.
56. 2008 ICPR Workshop on Media Processing on Mobile/Portable Applications, December 8-11, 2008, Tampa, FL, USA.
57. 3rd International Conference on Computer Vision Theory and Applications (VISAPP), January 22-25, 2008, Funchal, Madeira, Portugal.
58. The 10th IASTED International Conference on Signal and Image Processing (SIP 2008), August 18-20, 2008, Kailua-Kona, Hawaii, USA.
59. International Conference on Signal Processing and Multimedia Applications (SIGMAP 2008), July 26-29, 2008, Porto, Portugal.
60. IS&T/SPIE's 20th Annual Symposium Electronic Imaging, Multimedia Content Access: Algorithms and Systems II, January 27-31, 2008, San Jose, California, USA.
61. IEEE International Workshop on Genomic Signal Processing and Statistics (GENSIPS), June 8-10, 2008, Phoenix, Arizona, USA.
62. ACM Multimedia, September 23-29, 2007 University of Augsburg, Augsburg, Germany.
63. IEEE International Conference on Multimedia and Expo (ICME 2007), July 2-5, 2007, Beijing, China.
64. ACM SIGMM International Workshop on Multimedia Information Retrieval (MIR 2007), in conjunction with the ACM Multimedia 2007 in Augsburg, Germany, September 2007.
65. 2nd International Workshop on Human-Centered Multimedia (HCM 2007), September 28, 2007, Augsburg, Germany, in conjunction with the ACM Multimedia.
66. First IEEE International Conference on Semantic Computing (ICSC07), September 17-19, 2007, Irvine, California, USA.
67. 2007 IEEE International Workshop on Semantic Learning Applications in Multimedia (SLAM 2007, in association with IEEE CVPR 2007, Minneapolis, MN, USA, June 18, 2007.
68. IEEE International Workshop on Human Computer Interaction (HCI), October 21, 2007, Rio de Janeiro, Brazil, in conjunction with ICCV 2007.
69. International Workshop on Multimedia Content Analysis and Mining (MCAM 2007), June 31-July 1st, 2007, Weihai, Shandong, China.
70. Multimedia Systems and Applications X (IT 405), SPIE International Symposium on Optics East 2007, September 9-12, 2007, Boston, MA, USA.
71. The 9th International Conference on Visual Information Systems (VIUSAL 2007), June 28-29, 2007, Shanghai, China.
72. The 2007 IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology (CIBCB 2007), Honolulu, Hawaii, USA, April 1-5, 2007.
73. Multimedia Content Access: Algorithms and Systems, Eletronic Imaging, SPIE/IS&T conference, San Jose, January 2007.
74. 2nd International Conference on Computer Vision Theory and Applications (VISAPP 2007), March 8-11, 2007, Barcelona, Spain.
75. The 2007 Information Resources Management Association (IRMA) International Conference, May 19-23, 2007, Vancouver, British Columbia, Canada.
76. The IASTED International Conference on Signal and Image Processing, SIP 2007, Honolulu, USA, August 20 - 22, 2007.
77. SIGMAP 2007 International Conference on Signal Processing and Multimedia Applications, Barcelona, Spain, July 28-31, 2006.
78. The First Workshop on Human-Centered Multimedia (HCM), in conjunction with ACM Multimedia (ACM MM), October, 2006, Santa Barbara, CA.
79. The 8th ACM SIGMM International Workshop on Multimedia Information Retrieval (MIR 2006), in conjunction with ACM Multimedia 2006, October 2006, Santa Barbara, CA.
80. IEEE International Conference on Multimedia and Expo (ICME 2006), July 9-12, 2006, Toronto, Canada.
81. IEEE CVPR Workshop on Semantic Learning Applications in Multimedia, June 18, 2006, in association with IEEE CVPR 2006, New York City.
82. The 1st International Workshop on Mobile Information Retrieval (MoMIR), in conjunction with 4th International Conference on Mobile Computing and Multimedia (MoMM2006), December 7, 2006, Yogyakarta, Indonesia.
83. Asia-Pacific Workshop on Visual Information Processing (VIP 2006), Nov. 7-9, 2006, Beijing, China.
84. The 5th International Conference on Image and Video Retrieval (CIVR 2006), Arizona State University, July 2006.
85. International Workshop on Human-Computer Interaction (HCI 2006), May 13, 2006, Graz, Austria, in conjunction with ECCV 2006.
86. 2006 IEEE International Symposium on Signal Processing and Information Technology (ISSPIT), August 27-30, 2006, Vancouver, Canada.
87. The International Conference on Signal Processing and Multimedia Applications (SIGMAP), August 2006, Setubal, Portugal.
88. International Conference on Computer Vision Theory and Applications (VISAPP 2006), February 22-25, 2006, Setúbal, Portugal.
89. Multimedia Content Analysis, Management and Retrieval 2006, Electronic Imaging, San Jose, CA, January 2006.
90. The IASTED International Conference on Signal Processing (SIP 2006), Honolulu, USA, August 14-16, 2006.
91. The IEEE International Workshop on Human Computer Interaction 2005 (HCI 2005), in conjunction with IEEE International Conference on Computer Vision, October 15-21, 2005, Beijing, China.
92. Short Paper Technical Committee for the Application Track of ACM Multimedia, November 6-12, 2005, Singapore.
93. [International Conference on Image and Video Retrieval](http://www.comp.nus.edu.sg/~civr/) (CIVR 2005), July 20-22, 2005, National University of Singapore, Singapore.
94. [The IEEE International Conference on Multimedia and Expo](http://www.icme2005.org/) (ICME 2005), July 6-8, 2005, Amsterdam, The Netherlands.
95. The Seventh IASTED International Conference on Signal and Image Processing (SIP 2005), August 15-17, 2005, Honolulu, Hawaii, USA.
96. [6th ACM SIGMM International Workshop on Multimedia Information Retrieval](http://www.liacs.nl/~mir/) (MIR 2004), in conjunction with the [ACM Multimedia 2004](http://www.acm.org/sigmm/mm2004/index.html), October 15, 2004, New York City, NY, USA.
97. [International Workshop on Multidisciplinary Image, Video, and Audio Retrieval and Mining](http://www.corimedia.org/workshop2004), October 25-26, 2004, Universite de Sherbrooke, Canada.
98. [International Workshop on Human-Computer Interaction (HCI)](http://skynet.liacs.nl/hci2004/), in conjunction with [ECCV 2004](http://cmp.felk.cvut.cz/eccv2004/), May 2004, Praygue.
99. [ACM Multimedia 2004](http://www.acm.org/sigmm/mm2004/index.html) for the Poster track, October 10-15, New York, NY, USA.
100. [The 3rd International Conference on Image and Video Retrieval](http://www.civr2004.org/) (CIVR 2004), July 21-23, 2004, Dublin, Ireland.
101. The 17th International Conference on Pattern Recognition (ICPR 2004), Track Four: Multimedia Systems, August 23-26, 2004, Cambridge, United Kingdom.
102. The 5th International Workshop on Multimedia Information Retrieval (MIR), in conjunction with ACM Multimedia, 2003.
103. The 2nd International Conference on Image and Video Retrieval (CIVR), 2003.

**Panelist**, National Science Foundation (NSF)

1. Panelist, National Science Foundation (NSF), CISE-IIS, 12/2016
2. Panelist, National Science Foundation (NSF), CISE-IIS, 12/2014.
3. Panelist, National Science Foundation (NSF), CISE-IIS-REU-Site, 11/2013.
4. Panelist, National Science Foundation (NSF), CISE-IIS, 05/2013.
5. Panelist, National Science Foundation (NSF), CISE-CNS, 11/2009.
6. Panelist, National Science Foundation (NSF), CISE-IIS, 04/2008.
7. Panelist, National Science Foundation (NSF), Engineering Research Center (ERC), 09/2007.
8. Panelist, National Science Foundation (NSF), CISE-IIS, 02/2007.
9. Panelist, National Science Foundation (NSF), CISE-IIS, 05/2003

**Invited Proposal Reviewer** for

1. Iceland Research Fund, October 2016.
2. Army Research Office (ARO, April 2016 and October 2016.
3. Hong Kong Research Grant Council, August 2016.
4. NSF external reviewers, XPS program, April 2016
5. Isarel Science Foundation, 2010.
6. Temasek Young Investigator Award, National University of Singapore, 2008.
7. Army Research Office (ARO), February, 2008; March 2010.
8. Netherlands Organization for Scientific Research (NWO), 2006.
9. National Science Foundation (NSF), NSF-EEC 2003.

**Technical Committee** of [International Association of Science and Technology for Development (IASTED)](http://www.iasted.org/%22) on Image Processing, Term 2004-2007.

**Panelist** in IEEE Admission & Advanced (A&A) Panel Meeting for IEEE Senior Membership Application Evaluation to be held at the Hyatt Hill Regency Hill Country Resort and Spa in San Antonio on November 20, 2004.

**Reviewer for Journals**

**IEEE Transactions on** PAMI**,** CSVT**,** Image Processing**,** Signal Processing**,** Multimedia**,** Computational Biology and Bioinformatics**,** Knowledge Database and Engineering**,** Systems, Man and Cybernetics, part B,Ultrasonics, Ferroelectrics, and Frequency Control.

**International Journals:** ACM Multimedia Systems Journal**,** ACM Transactions on Multimedia Computing, Communications and Applications**,** Journal of Computer Vision and Image Understanding**,** EURASIP Journal on Applied Signal Processing**,** Journal of Image and Vision Computing**,** Pattern Recognition**,** Pattern Recognition Letters**,** Pattern Analysis and Applications**,** Journal of Visual Languages and Computing,Information Sciences: An International Journal, Multimedia Tools and Applications: An International Journal, Journal of Data & Knowledge Engineering**,** Journal of Electronic Imaging.

**Reviewer for International Conferences**

**Major IEEE and ACM conferences:** ACM-Multimedia**,** ICCV,ICME,ACM CIVR, ICCV, CVPR, ICIP, ICPR, ISCAS, CIBCB

**Workshops**: IEEE ICCV Workshop on Human-Computer Interaction, IEEE International Workshop on Genomic Signal Processing and Statistics, ACM International Workshop on Multimedia Information Retrieval, International Workshop on Content-Based Multimedia Indexing, International Workshop on Machine Intelligence, [International Workshop on Multidisciplinary Image, Video, and Audio Retrieval and Mining](http://www.corimedia.org/workshop2004).

**Others:** F&G, NIPS, VCIP, SPIE Multimedia Content Analysis, Management and Retrieval**,** IASTED International Conference on Signal and Image Processing,The IASTED International Conference on Artificial Intelligence and Applications,The 24th IASTED International Conference on Modeling, Identification, and Control,IASTED International Conference on Visualization, Imaging & Image Processing.