2013 Annual Report (June 2012 – May 2013)
Multimedia Systems and Applications Technical Committee
IEEE Circuits and Systems Society

Chairman: Dr. Yen-Kuang Chen
Secretary: Dr. Chia-Wen Lin

1. Executive Summary of Multimedia Systems and Applications (MSA) TC

The world has witnessed a booming of multimedia usages in the last decade, due to the massive adoption of digital multimedia sensors, broadband and wireless communication, and ubiquitous mobile devices as well as social networks and cloud computing. Multimedia standards, algorithms, platforms, and systems that facilitate capturing, creating, storing, retrieving, distributing, sharing, presenting, and consuming multimedia for emerging applications will significantly improve our life.

The Multimedia Systems and Applications Technical Committee (MSATC) aims at advancing the state-ofthe-art of multimedia research in systems and applications, promoting the multimedia concepts, methods and products in CAS and IEEE, and bringing a positive impact to people's everyday life via technology innovation.

We have executed the technical activities excellently, closely working with 3 other IEEE societies in joint publications and conferences. MSA TC has also demonstrated strong leadership in CASS.

2. Technical Committee Meetings:

The Multimedia Systems and Applications Technical Committee in the IEEE Circuits and Systems Society annually organized two TC meetings, which were held in ISCAS and ICME. The details of TC Meetings are enlisted in the following:

2.1. Upcoming TC Meeting in ISCAS 2013
Date: 5/21/2013
Time: 13:10-14:15
Location: 202B, CNCC, Beijing, China
Chairman: Yen-Kuang Chen
Secretary: Chia-Wen Lin

2.2. Upcoming TC Meeting in ICME 2013
Date: 7/16/2013 or 7/17/2013
Time: Around lunch time
Location: Fairmont Hotel, San Jose, CA, USA
Chairman: Yen-Kuang Chen
Secretary: Chia-Wen Lin

3. TC Members:

In 2012, we changed our TC by-law to start having limited terms for TC members. In the new membership structure, we have
(1) A fixed number of TC Members, who has the voting right, and can serve four years per term & up to two consecutive terms. This is to enable an efficient decision making process.
(2) An unlimited number of TC Affiliates. This is to engage the broader multimedia community in the activities of the Technical Committee.

2012-2014 are our transition period; we plan to reduce the number of TC members from 62 to 50.

3.1. List of members

Term End	Country	Name	Email	Affiliation
2016	Australia	Jian Zhang	jian.zhang@uts.edu.au	University of Technology, Sydney
2016	Canada	Jie Liang	jiel@sfu.ca	Simon Fraser University
2016	China	Yong Rui	yongrui@microsoft.com	Microsoft Asia Pacific
2016	Germany	Jörn Ostermann	joern.ostermann@ieee.org	the Leibniz Universität Hannover
2016	Italy	Enrico Magli	enrico.magli@polito.it	Politecnico di Torino
2016	Singapore	Lap-Pui Chau	elpchau@ntu.edu.sg	Nanyang Technological University
2016	Switzerland	Pascal Frossard	pascal.frossard@epfl.ch	Swiss Federal Institute of Technology, Lausanne (EPFL)
2016	Taiwan	Shiao-Yi Chien	sychien@cc.ee.ntu.edu.tw	National Taiwan University
2016	Taiwan	Guo Giun (Chris) Lee	clee@mail.ncku.edu.tw	National Cheng Kung University
2016	Taiwan	Chia-Wen Lin	cwlin@ee.nthu.edu.tw	National Tsing Hua University
2016	USA	Chang Wen Chen	chencw@buffalo.edu	University at Buffalo, State University of New York
2016	USA	Zicheng Liu	zliu@microsoft.com	Microsoft Research, Redmond
2016	USA	Anthony Vetro	avetro@merl.com	Mitsubishi Electrical Research Labs
2015	China	Houqiang Li	lihq@ustc.edu.cn	University of Science and Technology of China
2015	China	Wenwu Zhu	wwzhu@tsinghua.edu.cn	Tsinghua University, Beijing
2015	Greece	Thanos Stouraitis	thanos@upatras.gr	University of Patras
2015	Korea	JongWon Kim	jongwon@netmedia.gist.ac.kr	Gwangju Institute of Science and Technology
2015	Singapore	Jianfei Cai	asjfcai@ntu.edu.sg	Nanyang Technological University
2015	Singapore	Weisi Lin	wslin@ntu.edu.sg	Nanyang Technological University
2015	Taiwan	Homer H. Chen	homer@cc.ee.ntu.edu.tw	National Taiwan University
2015	Taiwan	Wen-Hsiao Peng	pawn@mail.si2lab.org	National Chiao Tung University
2015	Taiwan	Jar-Ferr Yang	jfyang@ee.ncku.edu.tw	National Cheng Kung University
2015	Thailand	Supavadee Aramvith	supavadee.a@chula.ac.th	Chulalongkorn University
2015	UK	Anthony T. S. Ho	a.ho@surrey.ac.uk	University of Surrey
2015	USA	Yen-Kuang Chen	y.k.chen@ieee.org	Intel
2015	USA	C.-C. Jay Kuo	cckuo@sipi.usc.edu	University of Southern California
2015	USA	Ming-Ting Sun	sun@ee.washington.edu	University of Washington
2014	Canada	Ling Guan	lguan@ee.ryerson.ca	Ryerson University
2014	China	Wen Gao	wgao@pku.edu.cn	Beijing University

2014	China	Weiyao Lin	wylin@sjtu.edu.cn	Shanghai Jiao Tong University
2014	Germany	Mladen Berekovic	berekovic@ida.ing.tu-bs.de	Friedrich-Schiller-Universität Jena
2014	Singapore	Susanto Rahardja	rsusanto@i2r.a-star.edu.sg	Institute for Infocomm Research
2014	Singapore	Yap-Peng Tan	eyptan@ntu.edu.sg	Nanyang Technological University
2014	Taiwan	Tian-Sheuan Chang	tschang@twins.ee.nctu.edu.tw	National Chiao Tung University
2014	Taiwan	Bin-Da Liu	bdliu@mail.ncku.edu.tw	National Cheng Kung University
2014	Taiwan	Jhing-Fa Wang	wangjf@csie.ncku.edu.tw	National Cheng Kung University
2014	UK	Weiqi Yan	w.yan@qub.ac.uk	Queen's University Belfast
2014	USA	Samson Cheung	sccheung@ieee.org	University of Kentucky
2014	USA	Nam Ling	nling@scu.edu	Santa Clara University
2014	USA	Alexander Loui	alexander.loui@kodak.com	Kodak
2013	China	Oscar Au	eeau@ust.hk	Hong Kong University of Science and Technology
2013	China	Shipeng Li	spli@microsoft.com	Microsoft Research Asia
2013	China	Feng Wu	fengwu@microsoft.com	Microsoft Research Asia
2013	China	Philipp Zhang	pzhang@huawei.com	Huawei Technologies
2013	Singapore	Lekha Chaisorn	clekha@i2r.a-star.edu.sg	Institute for Infocomm Research
2013	Singapore	Rongshan Yu	rongshanyu@ieee.org	Institute for Infocomm Research
2013	Taiwan	Pau Choo (Julia) Chung	pcchung@ee.ncku.edu.tw	National Cheng Kung University
2013	Taiwan	Yueh-Min Huang	huang@mail.ncku.edu.tw	National Cheng Kung University
2013	Taiwan	Sheau-Fang Lei	leisf@mail.ncku.edu.tw	National Cheng Kung University
2013	Taiwan	Chun-Shien Lu	lcs@iis.sinica.edu.tw	Academia Sinica
2013	Taiwan	Bing Sheu	bing_sheu@tsmc.com	Taiwan Semiconductor Manufacturing Company (TSMC)
2013	Taiwan	Timothy Shih	timothykshih@gmail.com	National Central University
2013	Taiwan	Min-Jen Tsai	mjtsai@cc.nctu.edu.tw	National Chiao Tung University
2013	USA	Zhenzhong Chen	chenzhenzhong@gmail.com	MediaTek
2013	USA	Xian-Sheng Hua	xshua@microsoft.com	Microsoft
2013	USA	Jin Li	jinl@microsoft.com	Microsoft Research, Redmond
2013	USA	Ching-Yung Lin	chingyung@us.ibm.com	IBM T. J. Watson Research Center
2013	USA	Tokunbo Ogunfunmi	togunfunmi@scu.edu	Santa Clara University
2013	USA	Yun-Qing Shi	shi@njit.edu	New Jersey Institute of Technology
2013	USA	Huifang Sun	hsun@merl.com	Mitsubishi Electrical Research Labs
2013	USA	Belle Tseng	belle@ieee.org	Apple
2013	USA	Wenjun Zeng	zengw@missouri.edu	University of Missouri

3.2. Administrative Subcommittees

- TC by-law/P&P sub-committee: Zicheng Liu (Chair), Yen-Kuang Chen, Chia-Wen Lin, Samson Cheung, Joern Ostermann, Anthony Vetro, Yap-Peng Tan
- Technical vision sub-committee: Jian Zhang (Chair), Yen-Kuang Chen, Shao-Yi Chien, JongWon Kim, Alex Loui, Jhing-Fa (James) Wang, Yong Rui, Wenjun Zeng
- Membership and election sub-committee: Yap-Peng Tan (Chair), Wenjun Zeng, Enrico Magli
- Award and nomination sub-committee: Anthony Vetro (Chair), Ming-Ting Sun, Ling Guan, Homer Chen, and Pascal Frossard
- On-line community sub-committee: Supavadee Aramvith, Chia-Wen Lin   TC Newsletters: Shao-Yi Chien

4. Accomplished Technical Activities (June 2012 to May 2013)

Executive summary: MSA TC is a leader on multimedia in CASS. The TC has executed the technical activities in an excellent way, closely working with 3 other IEEE societies in joint publications and conferences. Our IEEE Transactions on Multimedia is one of the top CASS journals (in 2010, T-MM ranked 68 while T-CAS1 ranked 74, T-CAS2 ranked 92, T-VLSI ranked 113). Our International Conference on Multimedia and Expo is an IEEE flagship multimedia conference, which receives more than 600 submissions in the past 3 years. MSA TC has also demonstrated strong leadership in CASS. We have 26 IEEE Fellows, various officers in CASS (including current presidents, BOG members), and editorial board members for many IEEE journals.

4.1. IEEE and Other Journal Editorships

MSA TC members are active in 30+ journals.

Journal	Role	Members
IEEE Transactions on Circuits and Systems for Video Technology	Associate Editor	Oscar Au, Mladen Berekovic, Jainfei Cai, Lap-Pui Chau, Yen-Kuang Chen, Shao-Yi Chien, Pascal Frossard, Wen Gao, Chris Lee, Chia-Wen Lin, Enrico Magli, Anthrony Vetro, Wenjiun Zeng, Jian Zhang, Wenwu Zhu
IEEE Transactions on Multimedia	Steering Committee Member	Oscar Au, Yen-Kuang Chen
	Associate Editor	Yen-Kuang Chen, Chia-Wen Lin, Weisi Lin, Feng Wu, Wenwu Zhu
	Guest Editor	Enrico Magli, Jianfei Cai, Philipp Zhang
IEEE Journal on Emerging and Selected Topics in Circuits and Systems	Senior Editorial Board Member	Chang Wen Chen, Yen-Kuang Chen
IEEE Transactions on Circuits and Systems I	Associate Editor	Shao-Yi Chien, Tokunbo Okunfumi
IEEE Transactions on Circuits and Systems II: Express Briefs	Associate Editors	Bin-Da Liu
IEEE Transactions on Network Science & Engineering	Steering Committee Member	Ching-Yung Lin
IEEE Circuits and Systems Society Newsletter	Associate Editor	Lap-Pui Chau

IEEE Multimedia Magazine	Associate Editor	Yong Rui, Wenjun Zeng, Jianfei Cai
	Editorial Board	Anthony Vetro
IEEE Transactions on Information Forensics and Security	Editor-in-Chief	C.-C. Jay Kuo
IEEE Transactions on Fuzzy Systems	Associate Editors	Bin-Da Liu
IEEE Transactions on Broadcasting	Associate Editor	Lap-Pui Chau
IEEE Signal Processing Letters	Associate Editor	Alexander Loui, Lap-Pui Chau (2008-2012)
IEEE Journal of Selected Topics in Signal Processing	Guest Editor	Nam Ling, Jörn Ostermann
IEEE Transactions on Image Processing	Associate Editor	Pascal Frossard
IEEE Transactions on Audio, Speech and Language Processing	Associate Editor	Rongshan Yu
IEEE Access online megajournal	Associate Editor	Rongshan Yu, Yong Rui
	Editorial Board	Bing Sheu
IEEE Transactions on Information Forensics and Security	Associate Editor	Wenjun Zeng
IEEE Signal Processing Magazine	Editor Board	Yen-Kuang Chen
IEEE Transactions on Neural Networks and Learning System (TNNLS)	Associate Editor	Pau-Choo Chung (Julia)
IEEE Communications Magazine on Interactive 3D Video Streaming	Guest editor	Jörn Ostermann
EURASIP Journal of Advances in Signal Processing	Associate Editor	Jar-Ferr Yang
Journal of Visual Communication and Image Representation (JVCI)	Editor-in-Chief	Ming-Ting Sun
	Associate Editor	Weisi Lin
	Guest Editor	Zhenzhong Chen
EURASIP Research Letters in Signal Processing	Associate Editor	Jar-Ferr Yang
EURASIP Journal on Image and Video Processing	Associate Editor	Jie Liang
IET Signal Processing	Associate Editor	Ling Guan
	Editorial Board	Jar-Ferr Yang
SPIE Journal of Electronic Imaging	Associate Editor	Alexander Loui
Advances in Multimedia	Associate Editor	Alexander Loui
EURASIP Journal of Electrical and Computer Engineering	Associate Editor	Bin-Da Liu, Ling Guan
EURASIP Signal Processing: Image Communication	Associate Editor	Jie Liang
Circuits, Systems, and Signal Processing (CSSP)	Associate Editor	Jie Liang
Journal of Multidimensional Systems and Signal Processing (MSSP), Springer	Associate Editor	Nam Ling, Pau-Choo Chung (Julia)
ACM Transactions on Multimedia Computing, Communications, and Applications (TOMCCAP)	Associate Editor	Yong Rui
	Guest Editor	Wenjun Zeng
Journal of Signal Processing Systems	Advisory Board	Ling Guan
	Associate Editor	Ling Guan, Gwo Giun Lee
International Journal of Computational Intelligence	Advisory Board	Ling Guan
Int. Journal of Multimedia Intelligence and Security	Associate Editor	Ling Guan
Journal of Cognitive Informatics and Natural Intelligence	Associate Editor	Ling Guan
SPIE/IS&T Journal of Electronic Imaging	Associate Editor	Ling Guan
International Journal of Handheld Computing Research	Advisory board	Wenwu Zhu
Soft Computing	Associate Editor	Pau-Choo Chung (Julia)
International Journal of Multimedia Information Retrieval (IJMIR)	Associate Editor	Yong Rui

Conference organizations

MSA TC members are active in 40+ conferences. Our TC members are leaders for ISCAS 2013.

Conferences	Role	Members
IEEE International Symposium on Circuits and Systems (ISCAS), Beijing, China, May 19-23, 2013	General Chair	Chang Wen Chen, Wen Gao
	Program Chair	Wenwu Zhu
	Tutorial Co-chair	Gwo Giun Lee
	Track Chair	Yen-Kuang Chen, Chris Lee, Chia-Wen Lin
	Demo Chair	Anthony Vetro
	Plenary Co-Chair	Shipeng Li
	Best Student Paper Award Committee member	Ming-Ting Sun
IEEE International Conference on Multimedia & Expo	General Chair	Jiang Zhang

(ICME), Melbourne, Australia, July 9–13, 2012.	Steering Committee Member	Chang Wen Chen (chair), Oscar Au, Yen-Kuang Chen, Alexander C. Loui, and Yong Rui
	Technical Program Chair	Jianfei Cai, Philipp Zhang
	Track Chair	Weisi Lin
	Co-chair of ICME 2012 Workshop EMSA 2012	Zhenzhong Chen, Wenjun Zeng
The IEEE International Symposium on Multimedia (ISM2012) was held at Irvine, California USA, December 10-12, 2012	Panel Co-Chair	Alexander Loui
	Best Paper Award Committee Co-chair	Homer H. Chen
	Best Paper Award Chair	Oscar Au
	Technical Program Committee (TPC) Member	Oscar Au, Wen-Hsiao Peng
IEEE International Workshop on Multimedia Signal Processing(MMSP 2012), Banff, Canada, September 17-19, 2012	Registration Chair	Jie Liang
	Technical Program Committee (TPC) Member	Homer H. Chen, Oscar C. Au, Yen-Kuang Chen
	Review Committee Member	Enrico Magli
IEEE Visual Communications and Image Processing (VCIP), San Diego, California, USA, November 27-30, 2012	Conference CoChair	C.-C. Jay Kuo
	Tutorial Chair	Ling Guan
2012 IEEE Symposium on Computers & Informatics (ISCI), March, 2012	Technical Program Committee	Pau-Choo Chung (Julia)
IEEE Asia Pacific Conference on Circuits and Systems (APCCAS). (December 2-5, 2012, Kaohsiung, Taiwan)	Advisory Committee Member	Bin-Da Liu
IEEE Consumer Communications and Networking Conference(CCNC)	Steering Committee Member	Wenjun Zeng
IEEE Design Automation Conference, DAC 2013	Technical Program Committee (TPC) Member	Bing Sheu

IEEE International Conf. on Semantic Computing (ICSC 2012)	Industry Co-Chair	Alexander Loui
IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), May26-31, 2013, Vancouver, Canada	Technical Program Committee (TPC) Member	Alexander Loui, Homer H. Chen
IEEE International Conference on Communications(IEEE ICC), June10-15, 2012, Ottawa, Canada	Technical Program Committee (TPC) Member	Jie Liang
IEEE International Conference on Cyber, Physical and Social Computing (CPSCom) 2012,	Technical Program Committee (TPC) Member	Yen-Kuang Chen
IEEE International Conference on Informatics, Electronics & Vision (ICIEV), Dhaka, Bangladesh, May 17-18, 2013	Advisory Board	C.-C. Jay Kuo
IEEE International Conference on Orange Technologies, Tainan, Taiwan, March 2013 (ICOT 2013)	Organization Chair	Jar-Ferr Yang
IEEE International Solid-State Circuits Conference,ISSCC 2013	Technical Program Committee (TPC) Member	Bing Sheu
IEEE International Workshop on Information Forensics and Security (WIFS), Tenerife, Canary Islands, Spain, December 2-5, 2012	Technical Program Committee (TPC) Member	C.-C. Jay Kuo
IEEE VLSI Circuits Symposium, Technical Program Committee, 2013	Technical Program Committee (TPC)	Bing Sheu

	Member	
IEEE Workshop on Signal Processing Systems (SiPS) 2012	Technical Program Committee (TPC) Member	Yen-Kuang Chen
IEEE WoWMoM Workshop on Video Everywhere (VidEv), San Francisco, California, USA, June 25, 2012	Technical Program Committee (TPC) Member	C.-C. Jay Kuo
International Symposium on Cyberspace Safety and Security (CSS 2012), Deakin University Melbourne Burwood Campus, Melbourne, Australia, December 12-13, 2012	Conference CoChair	C.-C. Jay Kuo
ISPACS (IEEE International Symposium on Intelligent Signal Processing and Communication Systems), 2012.	Advisory Board	Ming-Ting Sun
The 10th annual IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology(CIBCB 2013)	Program Chair	Pau-Choo Chung (Julia)
The 2012 IEEE-RIVF International Conference on Computing and Communication Technologies, July, 2012	Technical Program Committee	Pau-Choo Chung (Julia)
The 7th IEEE Conference on Industrial Electronics and Applications (ICIEA 2012) , July 18-20, Singapore	International Advisory Committee Member & Best Paper Award Committee Member	Nam Ling
APSIPA ASC Annual Summit and Conference, Hollywood, California, USA, December 3-6, 2012.	Conference CoChair	C.-C. Jay Kuo
	Board of Governors	Homer H. Chen
	Special session chair	Rongshan Yu
	Track Chair	Wenjun Zeng

ACM Workshop on Multimedia, Nara, Japan, October 29November 2, ACMMM 2012	Technical Program Committee (TPC) Member	C.-C. Jay Kuo, Wenwu Zhu
2012 Pacific-Rim Conference on Multimedia (PCM), Dec. 4-7, 2012,Singapore	General Co-Chair	Ming-Ting Sun
	Steering Committee Chair	Ling Guan
	Track Chair	Jie Liang
2012 International Conference on Communications, Circuits and Systems (ICCCAS). (August 20-22, 2012, Taichung, Taiwan	General Chair	Bin-Da Liu
20th International Conference on Neural Information Processing (ICONIP2013), 2013	Program committee	Pau-Choo Chung (Julia)
ACM International Conference on Multimedia Information Retrieval, Dallas, Texas, USA, April 16 - 19, 2013	Steering Committee Member	Ling Guan
ACM Workshop at SIGGRAPH ASIA 2012	Technical Program Co-chair	Rongshan Yu
Asia-Pacific Conference on Postgraduate Research in Microelectronics and Electronics (PrimeAsia). (December 5-7, 2012, Hyderabad, India	International Advisory Committee Member	Bin-Da Liu
Biomedical Circuits and Systems Comference (Bio CASS)2012, Hsinchu, Taiwan, November 28-30, 2012	Special session CoChair	Pau-Choo Chung (Julia)
International Conference on Computing, Networking and Communications. (ICNC 2013). San Diego, USA. January 28-31, 2013	Technical Program Committee (TPC) Member	Zhenzhong Chen
International Conference on Image Analysis and Recognition (ICIAR)	Advisory Committee Member	Ling Guan
International Conference on Multimedia Modeling(MMM2013) 2013	Technical Program Committee (TPC) Member	Alexander Loui
International Workshop on Digital Watermarking (IWDW), Shanghai, China, October 31-November 3, 2012.	Technical Program Committee (TPC) Member	C.-C. Jay Kuo
Social Multimedia Signals: When Social Networking Meets Signal Processing	Tutorial instructor	Wenjun Zeng
The 3rd International Conference on Innovations in BioInspired Computing and Applications (IBICA 2012), Kaohsiung, Taiwan, September 19-21, 2012.	Advisory Committee	Pau-Choo Chung (Julia)
The 4th International Conference on 3D Systems and Application, June 2012 (3DSA 2012)	Technical Program Chair	Jar-Ferr Yang
The 4th International conference on Intelligent and Advanced Systems (ICIAS 2012), June 12-14, 2012	Technical Program Committee	Pau-Choo Chung (Julia)
The 8th Argentine School of Micro-Nanoelectronics, Technology and Applications (EAMTA) (August 4-12, 2012, Buenos Aires, Argentina)	Program Committee Member	Bin-Da Liu
The 9th International Symposium on Neural Networks (ISNN2012), Shenyang, July 11-14, 2012.	Technical Program Committee	Pau-Choo Chung (Julia)
The fifth international workshop on Quality of Multimedia Experience (QoMEX)	Technical Program Committee (TPC) Member	Homer H. Chen

4.2. Distinguished Lecturer

- Homer H. Chen, IEEE Circuits and Systems Society DL, 2012-2013
- Lap-Pui Chau, IEEE Broadcast Technology Society DL, 2009-2013
- Weisi Lin, Asia-Pacific Signal and Information Processing Association, 2012-2013

4.3. Keynote Speeches

Conference	Title	Speaker
2012 8th International Conference on Natural Computation(ICNC),2012 9th International Conference on Fuzzy Systems and Knowledge Discovery(FSKD), Chongqing, China, May 28 , 2012	"Intelligent Sensing for Ambient Assisted Living for Ageing "	Pau-Choo Chung (Julia)
Asia Pacific Conference on Circuits and Systems (APCCAS), Dec2012, Kaohsiung, Taiwan		Thanos Stouraitis
Conference on Future Technologies, Shenzhen China, Jan. 29, 2013	"Five Innovations for Future Smart Terminals"	Philipp Zhang
IEEE International Conference on Cyber, Phsical, and Social Computing, 2012	"Challenges and Opportunities of Connected Context Computing"	Yen-Kuang Chen
IEEE International Conference on Information and Automation for Sustainability, Beijing, China, September 2012		Ling Guan
IET U-media and IET FC 2012		Nam Ling
Information Security and Intelligent Control(ISIC), Taiwan, Aug 15, 2012	"Intelligent Sensing for Pervasive Healthcare "	Pau-Choo Chung (Julia)
International Conference on Innovations in BioInspired Computing and Applications (IBICA), Taiwan, Sep 27, 2012	"Intelligent Sensing for Ambient Assisted Living for geing "	Pau-Choo Chung (Julia)
International Conference on Intelligent Technologies and Engineering Systems 2012(ICITES 2012), Taiwan, Dec 14, 2012	"Multisensor based analysis for pervasive healthcare ",	Pau-Choo Chung (Julia)
International Computer Symposium, Hualien, Taiwan, December 13, 2012	"Depth-assisted intelligent video,"	C.-C. Jay Kuo
The 11th Islands information technology and application seminars, Penghu, Taiwan, May 25, 2012	"Information Technology on Health Care Applications",	Pau-Choo Chung (Julia)
The 7th IEEE Conference on Industrial Electronics and Applications (ICIEA 2012)		Nam Ling
The Cloud Computing Forum, Southern Taiwan Teaching/Learning Resource Center, Kao-Hsiung, Taiwan, July 10, 2012.	"Cloud computing: key concepts, technologies and applications,"	C.-C. Jay Kuo
International Workshop on Advanced Image Technology (IWAIT), January 7, 2013	"Depth-based visual signal processing,"	C.-C. Jay Kuo
Cryptography Hardware Advances, 2012 IEEE		Thanos Stouraitis

4.4. Other IEEE services (e.g., CAS BoG, Region presidents, VP, …)

Organizations	Roles	Members
IEEE CASS President	President	Thanos Stouraitis
Asian Pacific Signal and Information Processing Association (APSIPA)	President	C.-C. Jay Kuo
IEEE Circuit and Systems Society	Board of Governors (BoG)	Chang Wen Chen, Pau Choo (Julia) Chung, Joos Vandewalle
IEEE Signal Processing Society	Board of Governors (BoG)	C.-C. Jay Kuo
IEEE Computational Intelligence Society	Administrative Committee Member (AdCom)	Pau-Choo Chung (Julia)
Chinese Image Processing and Pattern Recognition Association	Board of Governors (BoG)	Pau-Choo Chung (Julia)
Medical Image Standard Association at Taiwan	Board of Governors (BoG)	Pau-Choo Chung (Julia)
IEEE CAS-FEST 2013	Chair	Yen-Kuang Chen
IEEE CIS Distinguished Lecturer Program	Chair	Pau-Choo Chung (Julia)
IEEE Circuits and Systems Society (CASS) Fellow Evaluation Committee	Member	Anthony Vetro
IEEE TCSVT Best Paper Award sub-committee	Member	Shipeng Li
Technical Committee on Multimedia Communications (MMC TC) in Comsoc	Steering Committee Chair	Pascal Frossard
The Image, Video, and Multidimensional Signal Processing Technical Committee (IVMSP TC) of Signal Processing Society(SPS)	Vice-Chair	Pascal Frossard
IEEE Beijing Chapter Chair	Chair	Wenwu Zhu
IEEE Region 1, 2012 – 13.	Western Area Chair,Member of Executive Committee	Alexander Loui
IEEE Rochester Section, 2012 – 13	Junior Past Chair	Alexander Loui
MSATC Award and Nomination Subcommittee, 2012.	Chair	Ming-Ting Sun
MSATC Award and Nomination Subcommittee, 2013	Member	Ming-Ting Sun

4.6. Awards and Honors (e.g., Fellow, best paper awards, outstanding services, etc…)

26 out of 62 TC members are IEEE Fellows.

Awards and Honors	Member
IEEE Fellow (Class of 2013)	Feng Wu
Best Associate Editor award for IEEE TCSVT, 2011	Enrico Magli
Best Paper Award, IEEE International Symposium on Circuits and Systems 2012	Gwo Giun Lee
IET Fellow 2013	Rongshan Yu
IAPR Fellow 2012	Yong Rui
SPIE Fellow 2012	Yong Rui
Best Paper Award, ACM Multimedia 2012	Wenwu Zhu

Best Paper Award, ACM Multimedia Computing and Service 2012	Wenjun Zeng
Best Paper Award, International Conference on Multimedia Modeling	Wenwu Zhu
Achiever of Year 2013, China Audio and Video Coding Standard (AVS) Committee	Rongshan Yu
ACM Distinguished Scientist	Wenwu Zhu
Lanzhou University, China: Tsui Ying Chair Professor (June 2012 – June 2015)	Nam Ling

4.7. Upcoming Event and Future Conference Activities

- IEEE Conference on Industrial Electronics and Applications (ICIEA 2013) , 19-21 June 2013, Melbourne, Australia
- IEEE Global Communication Conference(GLOBECOM),Dec9-13, 2013
- IEEE International Conference on Communications(IEEE ICC), June9-13, 2013, Budapest, Hungary,
- IEEE International Conference on Image Processing(ICIP),2013
- IEEE International Conference on Multimedia and Expo(ICME 2013)
- IEEE International Solid-State Circuits Conference, ISSCC2014
- IEEE International Symposium on Consumer Electronics (ISCE 2013). June 3-6, 2013, Hsinchu, Taiwan, R.O.C.
- IEEE International Symposium on Multimedia(ISM 2013)
- IEEE International Workshop on Multimedia Signal Processing (MMSP 2013), Pula, Italy, Sep30Oct2, 2013
- IEEE Visual Communications and Image Processing (VCIP), Kuching, Sarawak, Malaysia, November 17-20, 2013
- IEEE Workshop on Information Forensics and Security, Nov. 2013.
- IEEE Workshop on Signal Processing Systems (SiPS 2013)
- IEEE WoWMoM Workshop on Video Everywhere (VidEv), Madrid, Spain, June 4-7, 2013.
- (ACMMM) Multimedia Content Analysis Track, Oct21-25 2013, Barcelona, Spain
- International Future Energy Electronics Conference 2013 (IFEEC 2013) , Nov3-6, 2013, Tainan, Taiwan
- International Symposium on Communications, Control, and Signal Processing (ISCCSP2014), May 2014, Athens , Greece
- International Workshop on Digital Watermarking (IWDW), Auckland, New Zealand, October 1-4, 2013
- International Workshop on Emerging Multimedia Systems and Applications. (EMSA In conjunction with ICME 2013). July 15?19, 2013 • San Jose, USA
- Int'l Symposium on Image and Signal Processing and Analysis (ISPA 2013), Trieste, Italy, September 4-6, 2013