

2012 Annual Report (May 2011 – May 2012)
Visual Signal Processing and Communication Technical Committee
IEEE Circuits and Systems Society

Chairman: Dr. Shipeng Li
Secretary: Dr. Yap-Peng Tan

1. Technical Committee Meeting:

The Visual Signal Processing and Communication Technical Committee in the IEEE Circuits and Systems Society organized one annual TC meeting at ISCAS 2012. The detailed information is given as follows. The TC also met at VCIP 2011 in November 2011 in Tainan, Taiwan.

1.1. TC Meeting at ISCAS 2012

Date: 21 May 2012 (Monday, during ISCAS 2012)
Venue: 318A, COEX Convention Center, Seoul, Korea
Time: 12:10pm –14:00pm
Chairman: Shipeng Li
Secretary: Yap-Peng Tan

1.2. Proposed Agenda

Approval of the agenda
Review activities during the past year
VCIP 2011 and VCIP 2012 reports
Elect new TC Secretary
Elect new TC members
New Business
 Review Future VICP TC conference proposals
 Two TC representatives for Plagiarism Committee
 TC merger proposal from CASS
 TC review meeting by CASS
 TC technical subcommittees
 TC administrative subcommittees
 TC Newsletter
Other business
 ICME 2013 Promotion
Adjourn

2. TC Members who has provided reports:

First Name	Last Name	Affiliation	Location/ Country	Email	Website	Membership in other TCs	Attendance
Oscar	Au	Hong Kong University of Science and Technology (HKUST)	Hong Kong, China	eeau@ust.hk	www.ee.ust.hk/~eeau	CAS MSATC; CAS DSP TC; SP MMSP TC; SP IVMSP TC; Comsoc MMTC	Yes
Jianfei	Cai	NTU	Singapore	asjfcai@ntu.edu.sg	http://www.ntu.edu.sg/home/asjfcai	SPSOC MMSP CAS MSATC; COMSOC MMTC	Yes
Lap-Pui	Chau	Nanyang Technological University	Singapore	elpchau@ntu.edu.sg	http://www.ntu.edu.sg/home/elpchau	CAS MSATC; CAS CASC	Yes
Tian Sheuan	Chang	National Chiao Tung University	Hsinchu, Taiwan	tschang@mail.nctu.edu.tw	http://dragons.ee.nctu.edu.tw/~tschang/index.htm	CAS VSA TC; CAS MSA TC	Yes
Chang Wen	Chen	State University of New York at Buffalo	Buffalo/USA	chencw@buffalo.edu	http://www.cse.buffalo.edu/UBMM/	CAS MSATC; COMSOC MMTC	Yes

Liang-Gee	Chen	National Taiwan University	Taipei, Taiwan	lgchen@cc.ee.ntu.edu.tw		CAS MSATC;	Yes
Yen-Kuang	Chen	Intel Corporation	Santa Clara, CA, USA	yen-kuang.chen@intel.com	https://sites.google.com/site/ykchen	MSA TC (CASS) MMSP TC (SPS) DISPS TC (SPS)	Yes
Tihao	Chiang	Ambarella		thchiang2k@gmail.com			No
Shao-Yi	Chien	National Taiwan University	Taipei/Taiwan	sychien@cc.ee.ntu.edu.tw	http://www.ee.ntu.edu.tw/profile?id=101	CAS MSATC; SPS DISPS TC	Yes
Pascal	Frossard	EPFL	Lausanne, Switzerland	pascal.frossard@epfl.ch	http://lts4.epfl.ch/frossard	CAS MSATC; COMSOC MMTc; SPS IVMSP	No
Hsueh-Ming	Hang	National Chiao Tung Univ.	Hsinchu, Taiwan	hmhang@mail.nctu.edu.tw	http://cwww.ee.nctu.edu.tw/hmhang/	CAS MSATC	No
Anthony TS	Ho	University of Surrey	Guildford, UK	a.ho@surrey.ac.uk	http://www2.surrey.ac.uk/computing/people/anthony_ts_ho/index.htm	CAS MSATC; SP-IFS	No
Hsu-Feng	Hsiao	National Chiao Tung University	Hsinchu, Taiwan	hillhsiao@cs.nctu.edu.tw			No
C.-C. Jay	Kuo	Univ. of Southern California	Los Angeles, California, USA	ckkuo@sipi.usc.edu	http://viola.usc.edu	SPS IFS TC; SPS IVMSP TC; CAS MSATC; COMSOC MMTc	No
Gwo Giun (Chris)	Lee	National Cheng Kung University	Tainan, Taiwan	cleee@mail.ncku.edu.tw	http://www.ee.ncku.edu.tw/nckueechinese/professor/T410-clee/T0000000e.htm	CAS MSATC; DISPS IDSP APSIPA	Yes
Shipeng	Li	Microsoft Research Asia,	Beijing, China	spli@microsoft.com	http://research.microsoft.com/en-us/people/spli/	CAS MSATC; COMSOC MMTc	Yes
Zheng Guo	Li	Institute for Infocomm Research	Singapore	ezgli@i2r.a-star.edu.sg	NIL	NIL	No
Chia-Wen	Lin	National Tsing Hua University	Hsinchu, Taiwan	cwlin@ee.nthu.edu.tw	http://www.ee.nthu.edu.tw/cwlin	CAS MSA TC SPS MMSP TC SPS IVMSP TC COMSOC MMTc	Yes
Ching-Yung	Lin	IBM T. J. Watson Research Center	New York, USA	schingyung@us.ibm.com	http://researcher.ibm.com/view.php?person=us-chingyung	CAS MSATC; SP IFS TC	Yes
Weisi	Lin	Nanyang Technological University	Singapore	wslin@ntu.edu.sg	http://www.ntu.edu.sg/home/wslin	CAS MSATC; CASCOM; COMSOC MMTc	No
Weiyao	Lin	Shanghai Jiao Tong University	Shanghai, China	hellomike@gmail.com	http://wylin2.drivehq.com/	CAS MSATC; MMTc	No
Nam	Ling	Santa Clara University	Santa Clara, California, U.S.A	nling@scu.edu	http://www.cse.scu.edu/~nling/	CAS MSA TC; CAS CASCOM TC.	Yes
Daniel P.K.	Lun	The Hong Kong Polytechnic University	Hong Kong, China	enpkun@polyu.edu.hk	www.eie.polyu.edu.hk/~enpkun	CAS DSPTC;	Yes
Enrico	Magli	Politecnico di Torino	Italy	enrico.magli@polito.it		CAS MSATC; SPS MMSP-TC	No
Marco	Mattavelli	EPFL	Lausanne, Switzerland	Marco.mattavelli@epfl.ch	http://people.epfl.ch/marco.mattavelli		Yes
King Ng	Ngan	The Chinese University of Hong Kong	Hong Kong SAR, China	knngan@ee.cuhk.edu.hk	http://www.ee.cuhk.edu.hk/~knngan/	CAS-VSPC, ComSoc-MM	No
Joern	Ostermann	Leibniz Universität Hannover, Germany	Hannover, Germany	ostermann@tnt.uni-hannover.de	http://www.tnt.uni-hannover.de/~osterman/		Yes

Wen-Hsiao	Peng	National Chiao Tung University	Hsinchu, Taiwan	wpeng@cs.nctu.edu.tw	http://mapl.nctu.edu.tw	CAS MSATC;	Yes
Fernando	Pereira	IST-IT	Lisbon, Portugal	fp@lx.it.pt	http://www.img.lx.it.pt/~fp/	SP MMSP, CAS MM TC	No
Susanto	Rahardja	Institute for Infocomm Research, Singapore	Singapore	rsusanto@i2r.a-star.edu.sg	http://www.i2r.a-star.edu.sg/~rsusanto/		Yes
Yun Qing	Shi	New Jersey Institute of Technology	Newark, New Jersey, USA	shi@njit.edu	web/njit.edu/~shi	CAS MSATC	No
Wan-Chi	Siu	Hong Kong Polytechnic University	Hong Kong	enwcsi@polyu.edu.hk	http://www.eie.polyu.edu.hk/~wcsi/mypage.htm	CAS DSP	Yes
Ming-Ting	Sun	University of Washington	Seattle, USA	sun@ee.washington.edu	http://www.ee.washington.edu/people/faculty/sun/	CAS MSATC	Yes
Huifang	Sun	Mitsubishi Electric Research Lab	Cambridge, USA	hsun@merl.com		CAS MSA-TC	Yes
Yap-Peng	Tan	Nanyang Technological University	Singapore	eyptan@ntu.edu.sg	http://www3.ntu.edu.sg/home/eyptan	SP MMSP CAS MSA-TC	Yes
Anthony	Vetro	Mitsubishi Electric Research Labs	Cambridge, USA	avetro@merl.com	http://www.merl.com/people/avetro/	CAS MSATC, SPS MMSP, SPS IVMS	Yes
Dapeng	Wu	University of Florida	Gainesville, FL, USA	wu@ece.ufl.edu	http://www.wu.ece.ufl.edu/	SP MMSP; COMSOC MMTC	No
Jar-Ferr	Yang	National Cheng Kung University	Tainan, Taiwan	jefyang@mail.ncku.edu.tw	http://touch.ncku.edu.tw http://mediawww.ee.ncku.edu.tw/	CAS MSATC;	Yes
Xiaokang	Yang	Shanghai Jiao Tong University	Shanghai, China	xkyang@sjtu.edu.cn		SP DISPS	No
Lu	YU	Zhejiang University	Hangzhou, China	yul@zju.edu.cn	http://mypage.zju.edu.cn/yul	MMTC	No
Philipp	Zhang	Huawei Technologies	Shenzhen, China	pzhang@huawei.com	http://www.huawei.com	CAS MSATC; COMSOC	Yes
Wenwu	Zhu	Tsinghua University	Beijing, China	wwzhu@tsinghua.edu.cn	http://media.cs.tsinghua.edu.cn/en/zw	CAS MSATC; COMSOC MMTC	Yes

2.2 TC Members attended the TC meeting (not submitted report yet)

First Name	Last Name	Affiliation	Location/ Country	Email	Website	Membership in other TCs	Attendance
Yun	He	Tsinghua University	Beijing, China	hey@ysinghua.edu.cn			Yes
Weiping	Li	University of Science & Technology of China	Hefei, China	wpli@ustc.edu.cn			Yes
Bing	Zeng	Hong Kong Univ. of Sci. & Tech.	Hong Kong, China	eezeng@ust.hk			Yes
Kai-Kuang Ma	Ma	Nanyang Technological University	Singapore	EKKMA@ntu.edu.sg			Yes
Feng	Wu	Microsoft Research Asia	China	fengwu@microsoft.com	http://research.microsoft.com/en-us/people/fengwu/	CAS MSA-TC;SP MMSP-TC; COMSOC MMTC	Yes
Guangming	Shi	Xidian University	Xian, China	gmshi@xidian.edu.cn	http://see.xidian.edu.cn/faculty/gmshi/		Yes
Timothy K.	Shih	National Taipei University of Education	Taiwan		timothykshih@gmail.com		Yes
Sheau Fang Lei	Lei	National Cheng Kung University	Taiwan		leisf@mail.ncku.edu.tw		Yes

3. New member nomination if any:

(Please feel free to copy and paste this form if you have more than more nominees)

	Nominee	Affiliation	Nominator	Votes
1	Qionghai Dai	Tsinghua University	Huifang Sun/Wenwu Zhu/Yun He	30/30
2	Hongliang Li	University of Electronic Science and Technology of China	Ngan King Ngi /Shipeng Li	30/30
3	Qi Tian	U Texas San Antonio	Feng Wu	30/30
4	Taechan Kim	Samsung	Liang Gee Chen	30/30
5	Yo Sung Ho	GIST	Yun He	30/30
6	Xiaoping Zhang	Ryerson Univ	Anthony Vetro	30/30
7	Donald Lie	Texas Tech Univ	Chris Lee	30/30

Above 7 new members were approved at ISCAS2012 TC Meeting.

	Nominee	Affiliation	Nominator	Votes
1	Hsu-Feng Hsiao	National Chiao Tung University, Hsinchu, Taiwan	Wen-Hsiao Peng	20/20
2	Din-Yuan Chan	National Chia-Yi University, Taiwan	Sheau-Fang Lei	20/20

Above 2 new members were approved at VCIP2011 TC Meeting.

First Name	QIONGHAI	Last Name	DAI
Affiliation	Tsinghua University	Location/Country	China
Email	qhdai@tsinghua.edu.cn	Website	http://media.au.tsinghua.edu.cn/qhdai.html
IEEE Member #	41470193	CAS Member?	
Memberships in other TCs		Attending the upcoming TC meeting?	Yes

Bio (< 300 words)	<p>Qionghai Dai is the professor of Department of Automation, Tsinghua University. Prof. Dai is recognized as a leading researcher in video processing & communication in China. He has published 4 books and book chapters, and 255 referred journal and conference papers. He holds 70 patents. Prof. Dai is an IEEE Senior Member.</p> <p>Qionghai Dai received the B.S. degree from Shanxi Normal University, China, in 1987, and the M.E. and Ph.D. degrees from Northeastern University, China, in 1994 and 1996, respectively. From 1997 to 1999, he was a Postdoctoral Researcher in, Tsinghua University. Since 1999, he has been with the faculty of Tsinghua University, China, and is currently Professor and the Director of the Broadband Network and Digital Media Laboratory. He now also serves as the associate dean of the Department of Automation.</p> <p>Prof. Qionghai Dai was the winner of the National Outstanding Youth Science Foundation, the general chair of the 10th International Conference on Mobile and Ubiquitous Multimedia (MUM2011), the financial chair of the 24th Picture Coding Symposium (PCS2006).</p> <p>His main research interests include light field, stereo video, 3D scene reconstruction, image understanding & retrieval and video coding.</p> <p>DISTINCTIONS:</p> <ul style="list-style-type: none"> ● Chief Scientist of the National Basic Research Program of China (973 Program) ● Distinguished Young Scholars of NSFC of China ● 2008 State Science and Technology Invention Award in China, Second Prize 		
	<p>ACADEMIC ACTIVITIES:</p> <ul style="list-style-type: none"> ● IEEE Senior Member ● Executive Chair, International Symposium on Broadcasting Technology, 2003, 2005 and 2007 ● Member of the Group of Experts, Field of Digital Television, National Development and Reform Commission ● Member of 3DTV, Picture Coding Symposium (PCS) and IC3D ● Financial Chair of 25th Picture Coding Symposium, 2006 ● Track Chair of International Conference on Multimedia and Expo (ICME), 2009 ● Keynote/Invited Talks at: PCS 2010, 3DTV 2010, PCSPA 2011, and VCIP 2011 		

First Name	Hongliang	Last Name	Li
Affiliation	Professor	Location/Country	Chengdu/Sichuan/China
Email	hlli@uestc.edu.cn	Website	http://ivipc.uestc.edu.cn/hlli/
IEEE Member #	80459981	CAS Member?	Yes
Memberships in other TCs		Attending the upcoming TC meeting?	Yes

Bio (< 300 words)	<p>Hongliang Li received the Ph.D. degree in electronics and information engineering from Xi'an Jiaotong University, Xi'an, China, in 2005. From 2005 to 2006, he joined the Visual Signal Processing and Communication Laboratory (VSPC) of the Chinese University of Hong Kong (CUHK) as a Research Associate. From 2006 to 2008, he was a Postdoctoral Fellow at the same laboratory in CUHK. He is currently a Professor in the School of Electronic Engineering, University of Electronic Science and Technology of China. His research interests include image segmentation, object detection, image and video coding, visual attention, and multimedia communication system. He has authored or co-authored numerous technical articles in well-known international journals and conferences. He is a co-editor of a book titled "Video segmentation and its applications" (New York: Springer, 2011). He was involved in many professional activities.</p> <p>Dr. Li is a member of the Editorial Board of the <i>Journal on Visual Communications and Image Representation</i>. He served as TPC members in a number of international conferences, e.g., ISPACS2005, PCM2007, PCM2009, and VCIP2010, and served as Technical Program co-chair in ISPACS2009, and general co-chair of the 2010 International Symposium on Intelligent Signal Processing and Communication Systems. He will serve as a local chair of the 2014 IEEE International Conference on Multimedia and Expo (ICME). He was selected as the New Century Excellent Talents in University, Chinese Ministry of Education, China, in 2008.</p>		
-----------------------------	---	--	--

First Name	Hsu-Feng	Last Name	Hsiao
Affiliation	Professor	Location/Country	
Email	hillhsiao@cs.nctu.edu.tw	Website	http://www.csie.nctu.edu.tw/~hillhsiao/resume.html
IEEE Member #		CAS Member?	
Memberships in other TCs		Attending the TC meeting at VCIP2011	Yes

Bio (< 300 words)	<p>Received the B.S. degree in electrical engineering from the National Taiwan University, Taipei, Taiwan, R.O.C. in 1995, the M.S. degree in electrical engineering from the National Chiao Tung University, Hsinchu, Taiwan, R.O.C. in 1997, and the Ph.D. degree in electrical engineering from the University of Washington, Seattle, WA, USA in 2005.</p> <p>He was an engineering officer in the Communication Research Laboratory of the Ministry of National Defense, Taiwan from 1997 to 1999. From 2000 to 2001, he was a software engineer at HomeMeeting, Redmond, WA. He had been then a Research Assistant in the department of Electrical Engineering, University of Washington till 2005. He has been an Assistant Professor in the department of Computer Science, National Chiao Tung University, Hsinchu, Taiwan since August 2005. His research interests include multimedia signal processing and streaming over wideband mobile networks.</p> <p>Prof. Hsiao served as the Publication and Tutorial Chairs for VCIP 2011, and helped us a lot in working with the IEEE Publication Office to make VCIP 2011 become an officially recognized IEEE conference.</p>		
-----------------------------	--	--	--

First Name	Din-Yuen	Last Name	Chan
Affiliation	Professor	Location/Country	Taiwan
Email	dychan@mail.ncyu.edu.tw	Website	http://web.ncyu.edu.tw/~dychan/
IEEE Member #		CAS Member?	
Memberships in other TCs		Attending the TC meeting at VCIP2011	Yes
Bio (< 300 words)	<p>Professor Chan received the M.S. degree in biomedical engineering and the Ph.D. degree in electrical engineering from the Cheng Kung University, Taiwan in 1992 and 1996, respectively. He had been a senior engineer in Multi-Media INC to develop the videophone products, then an Associate Professor at the Department of Information Engineering, I-Shou University, Taiwan from 1997 to 2003. He has been a professor of the departments of Electrical Engineering (EE), and Computer Science & Information Engineering (CSIE), National Chia-Yi University (NCYU), Taiwan since 2006. He was also the founder director and the primary chairman to achieve the establishment of NCYU EE during 2007-2011. At present, he is the chairman of department of Computer Science and Information engineering in NCYU. His teaching and research are primarily in the areas of data compression, visual communication and image/video/audio signal processing. In addition, the research area also covers medical image processing. Right now, he devotes himself fully to the 3D-TV researches relevant to stereo photography, multi-view coding, and so forth.</p>		

4. Accomplished Technical Activities (May 2011 to May 2012)

Twenty seven (27) TC members served as Review Committee Members for ISCAS 2012 to ensure high-quality paper review and selection. Shipeng Li and Yap-Peng Tan co-chaired the Visual Signal Processing and Communications track, which received 114 paper submissions and contributed 50 papers in 7 lecture and 4 poster sessions to the final program.

No.	ISCAS 2012 RCM Name		Email address
1	Tian-Sheuan	Chang	chang.tiansheuan@gmail.com
2	Liang-Gee	Chen	lgchen@cc.ee.ntu.edu.tw
3	Zhi Bo	Chen	Zhibo.Chen@technicolor.com
4	Tihao	Chiang	thchiang2k@gmail.com
5	Ling	Guan	lguan@ee.ryerson.ca
6	Hsueh-Ming	Hang	hmhang@mail.nctu.edu.tw
7	Zhihai Henry	He	hezhi@missouri.edu
8	Yun	He	hey@tsinghua.edu.cn
9	C.-C. Jay	Kuo	cckuo@sipi.usc.edu
10	Chris	Lee	gwoglee@gmail.com
11	Chia-Wen	Lin	cwlin@ee.nthu.edu.tw
12	Daniel	Lun	enpkun@polyu.edu.hk
13	Enrico	Magli	enrico.magli@polito.it
14	Marco	Mattavelli	marco.mattavelli@epfl.ch
15	King Ngi	Ngan	knngan@ee.cuhk.edu.hk
16	Fernando Manuel Bernardo	Pereira	fp@lx.it.pt
17	Guangming	Shi	gmshi@xidian.edu.cn
18	Timothy K.	Shih	timothykshih@gmail.com
19	Wan-Chi	Siu	enwcsi@polyu.edu.hk
20	Lifeng	Sun	sunlf@mail.tsinghua.edu.cn
21	Yap-Peng	Tan	eyptan@ntu.edu.sg
22	Haohong	Wang	haohongwang@yahoo.com
23	Feng	Wu	fengwu@microsoft.com
24	Shuicheng	Yan	eleyans@nus.edu.sg
25	WeiQi	Yan	dcsyanwq@gmail.com
26	Bing	Zeng	eezeng@ece.ust.hk
27	Wen-Hsiao	Peng	pawn@mail.si2lab.org

ISCAS 2012 VSPC Sessions

Lecture Session1: Video Coding Implementation and Optimization
 Lecture Session 2: Multiview and 3D Visual Signal Coding
 Lecture Session 3: 3D Visual Signal Acquisition and Rendering
 Lecture Session 4: High Efficiency Video Coding (HEVC)
 Lecture Session 5: Visual Signal Analysis and Protection
 Lecture Session 6: Visual Signal Processing and Modeling
 Lecture Session 7: Visual Signal Reconstruction and Coding
 Poster Session 1: Visual Signal Processing and Enhancement
 Poster Session 2: Visual Signal Coding, Modeling, and Representation I
 Poster Session 3: Visual Signal Coding, Modeling, and Representation II
 Poster Session 4: Circuits and Systems for Visual Signal Processing

4.1. Conference/Event organizations (past & upcoming)

Conference Sponsors	Conference/Event Title	Your Role	Status	Name
IEEE	Int. Sym. On Visual Communication and Image Processing, 2012	Technical Program Committee	Confirmed	Oscar Au
IEEE	IEEE Int. Workshop on Multimedia Signal Processing 2012	Technical Program Committee	Confirmed	Oscar Au

IEEE	Int. Conf. on Image Processing 2012 (ICIP)	Track Chair/Technical Program Committee	Confirmed	Oscar Au
IEEE	Int. Conf. on Multimedia and Expo 2012 (ICME)	Technical Program Committee	Confirmed	Oscar Au
IAST	Int. Conf. on Signal and Image Processing (SIP)	Technical Program Committee	Confirmed	Oscar Au
	Int. Conf. on Signal Processing and Multimedia Application 2012 (SIGMAP)	Technical Program Committee	Confirmed	Oscar Au
IEEE	IEEE Int. Sym. On Circuits and Systems 2012 (ISCAS)	Technical Program Committee	Confirmed	Oscar Au
IEEE	IEEE Int. Conf. on Acoustics, Speech and Signal Processing 2012 (ICASSP)	Technical Program Committee	Confirmed	Oscar Au
IEEE	Workshop on Information Forensics and Security 2011 (WIFS)	Technical Program Committee	Confirmed	Oscar Au
	Int. Conf. on Information, Communications and Signal Processing 2011 (ICICS)	Technical Program Committee	Confirmed	Oscar Au
	Pacific-Rim Sym. On Image and Video Technology (PSIVT),	Technical Program Committee	11/11	Oscar Au
IEEE	Int. Sym. On Visual Communication and Image Processing (VCIP)	Technical Program Committee	11/2011	Oscar Au
IEEE	Int. Workshop on Multimedia Signal Processing (MMSp)	Technical Program Committee	10/2011	Oscar Au
	APSIPA Annual Summit and Conference (ASC)	Technical Program Committee	10/2011	Oscar Au
	Int. Conf. on Image Processing (ICIP),	Track Chair/Technical Program Committee	9/2011	Oscar Au
IEEE	Vehicular Technology Conference (VTC) 2011	Technical Program Committee	9/11	Oscar Au
	Int. Conf. on Embedded and Multimedia Computing (EMC),	Technical Program Committee	8/11	Oscar Au
	Int. Conf. on Signal Processing and Multimedia Application 2011 (SIGMAP)	Technical Program Committee	7/2011	Oscar Au
IEEE	IEEE Int. Conf. on Multimedia and Expo (ICME)	Technical Program Committee	7/2011	Oscar Au
IEEE	Int. Conf. on Multimedia and Ubiquitous Engineering (MUE)	Technical Program Committee	6/11	Oscar Au
IASTED	Int. Conf. on Signal and Image Processing and Application (SIPA)	Technical Program Committee	6/11	Oscar Au
IASTED	Int. Conf. on Imaging and Signal Processing in Healthcare and Technology (ISPHT)	Technical Program Committee	5/11	Oscar Au
	3DTV Conference (3DTV-CON)	Technical Program Committee	5/2011	Oscar Au
IEEE	Int. Sym. On Circuits and Systems (ISCAS)	Technical Program Committee	5/2011	Oscar Au
IEEE	ICME 2012	TPC Chair	Confirmed	Jianfei Cai
	PCM 2012	General Chair	Need Support	Jianfei Cai
IEEE CAS	ISCAS'2012	Track Co-Chair	Done	Lap-Pui Chau
IEEE	ISCAS'2012	RCM	Done	Tian Sheuan Chang
IEEE	ICME Steering Committee	Chair	On-going	C. W. Chen
PCS	PCS Steering Committee	Member	On-going	C. W. Chen
Packet Video	PV Steering Committee	Member	On-going	C. W. Chen
IEEE	ISCAS 2012	Track Co-Chair	Done	Yen-Kuang Chen
IEEE	ICME 2011	TPC member	Done	Yen-Kuang Chen
IEEE	MMSP 2011	TPC member	Done	Yen-Kuang Chen
IEEE	SiPS 2011	TPC member	Done	Yen-Kuang Chen
ACM	Multimedia 2011	TPC member	Done	Yen-Kuang Chen
IEEE/SPIE	Visual Communications and Image Processing 2011	Award committee co-chairman	Confirmed	Tihao Chiang
IEEE	ISCAS'2011	Review Committee Member	Confirmed	Tihao Chiang
National Science Council, Taiwan	The 24-th IPPR Conference on Computer Vision, Graphics, and Image Processing	Program committee member	Confirmed	Tihao Chiang
IEEE	International Conference on Consumer Electronics 2011	International representatives, Taiwan	Confirmed	Tihao Chiang
IEEE	The 1 st Global Conference on Consumer Electronics	Technical Program committee member	Confirmed	Tihao Chiang
National Science Council, Taiwan	Future digital video Workshop	Program committee member	Confirmed	Tihao Chiang
IEEE	Asia Solid-State Circuits Conference (A-SSCC 2011)	TPC Member	Confirmed	Shao-Yi Chien

IEEE	VLSI-DAT 2011	TPC Member	Confirmed	Shao-Yi Chien
IEEE	VLSI Design/CAD Symposium 2011	TPC Member	Confirmed	Shao-Yi Chien
IEEE	Signal Processing Systems (SiPS) 2011	TPC Member	Confirmed	Shao-Yi Chien
IEEE	VLSI Design/CAD Symposium 2012	TPC Co-Chair	Confirmed	Shao-Yi Chien
IEEE	ASP-DAC 2012	Special Session Organizer	Confirmed	Shao-Yi Chien
IEEE	IEEE International Conference on Multimedia and Expo 2011	Track Chair	Confirmed	Shao-Yi Chien
IEEE	Visual Communications and Image Processing 2011	Demo Chair	Confirmed	Shao-Yi Chien
IEEE	ICIP 2011	Award Chair	Confirmed	Pascal Frossard
IEEE	ICIP 2014	Technical program Chair	Confirmed	Pascal Frossard
IEEE	Visual Communications and Image Processing 2012	General Co-Chair	Confirmed	Hsueh-Ming Hang
APSIPA	APSIPA Annual Conference 2012	TC member	Need Support	Hsueh-Ming Hang
PCS	Picture Coding Symposium 2012	TC member	Confirmed	Hsueh-Ming Hang
Springer	11th International Workshop on Digital Forensics and Watermarking (IWDW), Shanghai, 31 October - 3 November, 2012	European Liaison Co-Chair	Confirmed	Anthony TS Ho
Springer	10 th International Workshop on Digital Forensics and Watermarking (IWDW'11), Atlantic City, New Jersey, USA, October 23-26, 2011	International Publicity Liaison (Europe) Chair	Confirmed	Anthony TS Ho
Springer	13th Pacific Rim Conference on Multimedia (PCM2012), Singapore, 4-7 December 2012	Technical Program Co-Chair	Confirmed	Anthony TS Ho
	Pacific-Rim Symposium on Image and Video Technology 2011, 20-23 November, Gwangju, South Korea	Area Chair	Confirmed	Anthony TS Ho
ACM	ACM Multimedia in Forensics and Intelligence (MiFor 2011), Scottsdale, Arizona, USA, 28 November - 1 December 2011	TPC Member	Confirmed	Anthony TS Ho
SPIE	SPIE Electronic Imaging, Media Watermarking, Security, and Forensics 2013, 3-7 February 2013, San Francisco, USA	TPC Member	Confirmed	Anthony TS Ho
IET	18th International Conference on Digital Signal Processing 2013, Greece	TPC Member	Confirmed	Anthony TS Ho
IET	IET Image Processing Conference (IPR 2012), London, UK, 3-4 July 2012	TPC Member	Confirmed	Anthony TS Ho
IET	4th IET International Conference on Imaging for Crime Detection and Prevention (ICDP'11), 1-2 November 2011, London, UK	Organising Committee Member	Confirmed	Anthony TS Ho
IEEE	4th IEEE International Workshop on Information Forensics and Security (WIFS 2012), Tenerife, Spain, 2-5 December 2012	TPC Member	Confirmed	Anthony TS Ho
IEEE	8th International Conference on Information, Communications and Signal Processing (ICICS 2011), December 13-16, 2011, Singapore	TPC Member	Confirmed	Anthony TS Ho
IEEE	IEEE Seventh International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIH-MSP 2011), Dalian, China, 14-16 October 2011	TPC Member	Confirmed	Anthony TS Ho
IEEE	Second International Workshop on Multimedia Systems for Surveillance (MMSS), 8 th International Conference on Advanced Video and Signal-Based Surveillance, Klagenfurt, Austria, August 30- September 2, 2011	Co-General Chair	Confirmed	Anthony TS Ho
IEEE	IEEE International Conference on Advanced Infocomm Technology (ICAIT), 2011, 11-14 July 2011, Wuhan, China	Honourary Co-Chair	Confirmed	Anthony TS Ho
IEEE	Second Workshop on content protection and forensics (CPAF 2011), ICME 2011, Barcelona, Spain, 11-15 July 2011	TPC Member	Confirmed	Anthony TS Ho
IEEE	IEEE ISCAS 2011, Rio de Janeiro, Brazil, 15-18 May 2011	Special Session Chair	Confirmed	Anthony TS Ho
IEEE	Visual Communications and Image Processing 2011	Tutorial/Publication Co-Chairs , TPC member, session chair	Done	Hsu-Feng Hsiao
IEEE	Visual Communications and Image Processing 2012	TPC member	Confirmed	Hsu-Feng Hsiao
IEEE/SPS	IEEE International Workshop on Information Forensics and Security (WIFS'11)	Technical Program Co-Chair	Completed	C.-C. Jay Kuo
APSIPA	APSIPA ASC 2011	Conference Co-Chair	Completed	C.-C. Jay Kuo
IEEE/CAS	VCIP 2012	Conference Co-Chair	Need Support	C.-C. Jay Kuo
APSIPA	APSIPA ASC 2012	Conference Co-Chair	Need Support	C.-C. Jay Kuo
IEEE	Visual Communications and Image Processing 2011	Technical Program Chair	Confirmed	Gwo Giun (Chris) Lee

IEEE	SiPS'2013	Special Session Co-Chair	Need Support	Gwo Giun (Chris) Lee
IEEE	ISCAS 2012	VSPC Track Chair	Confirmed	Shipeng Li
IEEE	ICME 2011	TPC Member	Confirmed	Shipeng Li
	ICIG (The Sixth International Conference on Image and Graphics) 2011	Organizing Committee Chair	Confirmed	Shipeng Li
IEEE	International Workshop on Multimedia Signal Processing (MMSP)	TPC Member	Confirmed	Shipeng Li
IEEE	International Conference on Image Processing (ICIP) 2011	TPC Member	Confirmed	Shipeng Li
IEEE	Visual Communication & Image Processing (VCIP) 2011	Advisory	Confirmed	Shipeng Li
IEEE	ISCAS 2013	Plenary Chair	Confirmed	Shipeng Li
IEEE	ICIEA 2011	General Chair	Confirmed	Zhengguo Li
IEEE	Visual Communications and Image Processing 2011	Publicity Co-Chair	Confirmed	Chia-Wen Lin
IEEE	ISCAS'2012	Track Co-Chair	Need support	Chia-Wen Lin
Springer	Pacific-Rim Conference on Multimedia (PCM) 2012	Publicity Co-Chair	Need support	Chia-Wen Lin
IEEE	International Workshop on Social Media Computing (SMC) 2012	TPC Chair	Confirmed	Ching-Yung Lin
IEEE	ICME 2012	Track Chair	Confirmed	Weisi Lin
IEEE	ICME 2012	organizer of a special session	Confirmed	Weisi Lin
IEEE	Visual Communications and Image Processing (VCIP 2012)	Publication Co-Chair	Confirmed	Weisi Lin
APSIPA	Asia-Pacific Signal and Information Processing Association (APSIPA) Annual Summit and Conference 2012	Publication Co-Chair	Confirmed	Weisi Lin
PCM	Pacific-Rim Conf. On Multimedia (PCM), 2012	Technical Program Co-chair	Confirmed	Weisi Lin
IEEE	ISCAS 2012	Tutorial Co-Chair	Confirmed	Nam Ling
IEEE	ICME 2013	General Co-Chair	Need Support	Nam Ling
IEEE	ICCE 2012	TPC Member	Confirmed	Nam Ling
IEEE	ISCAS'2012	Review Committee Member	Confirmed	Daniel P.K. Lun
IEEE	ISCAS'2012	Session Chair	Confirmed	Daniel P.K. Lun
IEEE	VCIP 2011	Review Committee Member	Confirmed	Daniel P.K. Lun
IEEE	ISCAS 2012	RCM	Confirmed	Enrico Magli
IEEE	VCIP 2011	RCM	Confirmed	Enrico Magli
IEEE	ICME 2012	TPC co-chair	Confirmed	Enrico Magli
IEEE	VCIP 2012	TPC co-chair	Confirmed	Enrico Magli
IEEE/ECSI	DASIP	Steering Committee	Confirmed	Marco Mattavelli
IEEE	ICME	Reviewer	Confirmed	Marco Mattavelli
IEEE	ISCAS	Reviewer	Confirmed	Marco Mattavelli
IEEE	ICIP	Reviewer	Confirmed	Marco Mattavelli
IEEE	SIPS	Reviewer	Confirmed	Marco Mattavelli
IEEE	Visual Communications and Image Processing 2011	Technical Program Co-Chair	Done	Wen-Hsiao Peng
IEEE/NCTU	Future Digital Video Workshop	Technical Program Co-Chair	Done	Wen-Hsiao Peng
IEEE	Visual Communications and Image Processing 2012	Technical Program Committee Member	Upcoming	Wen-Hsiao Peng
IEEE	IEEE International Symposium on Circuits and Systems 2012	Review Committee Member	Done	Wen-Hsiao Peng
IEEE	Workshop on Image Analysis for Multimedia Interactive Services (WIAMIS)	Technical Program Chair	Coming in May 2012	Fernando Pereira
IEEE	ISCAS'2012	Review Committee Member; Overseas liaison	Confirmed	Yun Qing Shi
	International Workshop on Digital Watermarking 2011 (IWDW11)	Co-Technical Chair	Confirmed	Yun Qing Shi
	International Workshop on Digital Watermarking 2012 (IWDW12)	Co-Technical Chair	Confirmed	Yun Qing Shi
IEEE	ISCAS2012	Review Committee Member	Confirmed	Wan-Chi Siu
IEEE	Visual Communications and Image Processing 2011	Award Chair	Confirmed	Huifang Sun
IEEE	ISPACS 2012	Member, Advisory Board	On-going	Ming-Ting Sun
Springer	PCM 2012	General Co-Chair	On-going	Ming-Ting Sun

IEEE	ISCAS 2013	Member, Advisor and International Liaisons	On-going	Ming-Ting Sun
IEEE	VCIP 2013	Chair, America Liaison	On-going	Ming-Ting Sun
IEEE	Int. Conf. on Image Processing 2010 (ICIP 2012)	Technical Program Committee Member	Confirmed	Yap-Peng Tan
IEEE	Int. Conf. on Acoustics, Speech and Signal Processing (ICASSP 2012)	Technical Program Committee	Confirmed	Yap-Peng Tan
IEEE	Int. Workshop on Multimedia Signal Processing (MMSP 2012)	Technical Program Committee	Confirmed	Yap-Peng Tan
IEEE	VCIP 2012	Technical Program Committee Member	Confirmed	Yap-Peng Tan
IEEE	ISCAS 2013	Demo Chair	Confirmed	Anthony Vetro
IEEE	MMSP 2011	General Chair	Confirmed	Anthony Vetro
IEEE	INFOCOM 2013	Area Chair	Confirmed	Dapeng Wu
IEEE	International Conference on Communications in China 2012	Symposium TPC chair	Confirmed	Dapeng Wu
IEEE	INFOCOM 2012	TPC chair	Confirmed	Dapeng Wu
IEEE/ACM	International Conference on Mobile and Ubiquitous Multimedia (MUM) 2011	Poster & Demo Chair	Confirmed	Dapeng Wu
IEEE	International Conference on Image Processing (ICIP) 2011	Area Chair	Confirmed	Dapeng Wu
IEEE	Workshop on Signal Processing Advances in Wireless Communications (SPAWC 2011)	Publicity Chair	Confirmed	Dapeng Wu
IEEE	International Conference on Smart Grid Communications, 2012	TPC member	Confirmed	Dapeng Wu
IEEE	International Conference on Multimedia and Expo (ICME), 2012	TPC member	Confirmed	Dapeng Wu
IEEE	International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2012	TPC member	Confirmed	Dapeng Wu
IEEE	International Conference on Emerging Signal Processing Applications (ESPA), 2012	TPC member	Confirmed	Dapeng Wu
IEEE	SmartGridComm, Symposium on Architectures and Models for the Smart Grid, 2011	TPC member	Confirmed	Dapeng Wu
IEEE	International Workshop on Multimedia Signal Processing (MMSP), 2011.	TPC member	Confirmed	Dapeng Wu
IEEE	International Conference on Image Processing (ICIP), 2011	TPC member	Confirmed	Dapeng Wu
IEEE	Workshop on Simplifying Complex Network for Practitioners (SIMPLEX'11), 2011.	TPC member	Confirmed	Dapeng Wu
IEEE	International Conference on Acoustics, Speech, and Signal Processing (ICASSP), 2011.	TPC member	Confirmed	Dapeng Wu
IEEE	Visual Communications and Image Processing 2011	General Co-Chair	Confirmed	Jar-Ferr Yang
IEEE	ISCAS'2012	Technical Advisory Committee	Confirmed	Jar-Ferr Yang
IEEE	IEEE International Conference on Intelligent Computation and Bio-Medical Instrumentation, Wuhan, China (ICBMI 2011)	General Co-Chair	Confirmed	Jar-Ferr Yang
IEEE	IEEE the Seventh International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIH-MSP 2011)	Honorary Chair	Confirmed	Jar-Ferr Yang
IEEE	Workshop of Multimedia Signal Processing 2011	Local Chair	Confirmed	Lu Yu
	Picture Coding Symposium 2012	International Steering Committee	Confirmed	Lu Yu
IEEE	IEEE Technology Time Machine Symposium on Technologies Beyond 2020 (IEEE TTM'2011)	Program Committee	Confirmed	Philipp Zhang
ACM	ACM Multimedia 2012	TPC member	Confirmed	Wenwu Zhu
IEEE	ISCAS'2013	TPC Co-Chair	Confirmed	Wenwu Zhu

4.2. IEEE and Other Journal Editorships:

Journal Sponsors	Journal Title	Your Role	Name
IEEE	Transactions on Circuits and Systems for Video Technology (TCSVT)	Associate Editor	Oscar Au
IEEE	Transactions on Image Processing (TIP)	Associate Editor	Oscar Au

APSIPA	APSIPA Trans. On Signal and Information Processing (TSIP)	Associate Editor	Oscar Au
	Journal of Multimedia (JMM)	Member, Editorial Board	Oscar Au
	Journal of Franklin Institute (JFI)	Member, Editorial Board	Oscar Au
	Journal of Signal Processing Systems (JSPS)	Member, Editorial Board	Oscar Au
	Journal of Data Acquisition and Processing (JDAP)	Member, Editorial Board	Oscar Au
Elsevier	Journal of Visual Communication and Image Representation	Member, Editorial Board	Oscar Au
IEEE	Special Issue on Emerging Research and Standards in Next Generation Video Coding (HEVC), IEEE TCSVT.	Guest Editor	Oscar Au
Springer	Special Issue on Recent Advances and Future Directions in Multimedia and Mobile Computing, Multimedia Tools and Applications Journal (MTAP).	Guest Editor	Oscar Au
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Jianfei Cai
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Lap-Pui Chau
IEEE	Transactions on Broadcasting	Associate Editor	Lap-Pui Chau
IEEE	Signal Processing Letters	Associate Editor	Lap-Pui Chau
EURASIP	EURASIP Journal on Advances in Signal Processing: Special Issue on "Object Tracking and Monitoring Using Advanced Signal Processing Techniques"	Guest Editor	Lap-Pui Chau
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Tian Sheuan Chang
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Yen-Kuang Chen
IEEE	Transactions on Multimedia	Associate Editor & Steering committee member	Yen-Kuang Chen
IEEE	Journal on Emerging and Selected Topics in Circuits and Systems	Senior editorial board member	Yen-Kuang Chen
IEEE	Signal Processing Magazine	Editorial board member	Yen-Kuang Chen
IEEE	Journal on Emerging and Selected Topics in Circuits and Systems	Senior Editor	C. W. Chen
IEEE	Journal of Selected Areas in Communication	Senior Editor	C. W. Chen
Taylor & Francis Press	Book Series in Multimedia Computing, Communication and Intelligence, 2010 – present	Editor-in-Chief	C. W. Chen
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Shao-Yi Chien
Springer	Circuits, Systems and Signal Processing	Associate Editor	Shao-Yi Chien
IEEE	Transactions on Multimedia	Associate Editor	Pascal Frossard
IEEE	Transactions on Image Processing	Associate Editor	Pascal Frossard
Elsevier	International journal on Information Security Technical Report	Editor-in-Chief	Anthony TS Ho
IGI Publishing	International Journal of Digital Crime and Forensics	Co-Editor-in-Chief	Anthony TS Ho
Ubiquitous International	Journal of Information Hiding and Multimedia Signal Processing	Associate Editor	Anthony TS Ho
Inderscience Publishers	International Journal of Multimedia Intelligence and Security	Editorial Board Member	Anthony TS Ho
IEEE	Transactions on Information Forensics and Security	Editor-in-Chief (from 2012 January)	C.-C. Jay Kuo
Elsevier	Journal of Visual Communication and Image Representation	Editor-in-Chief (up to 2011 December)	C.-C. Jay Kuo
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Gwo Giun (Chris) Lee
Springer	Journal of Signal Processing Systems	Associate Editor	Gwo Giun (Chris) Lee
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Chia-Wen Lin
IEEE	Transactions on Multimedia	Associate Editor	Chia-Wen Lin
IEEE	Multimedia Magazine	Editorial Board	Chia-Wen Lin
Elsevier	Journal of Visual Communication and Image Representation	Associate Editor	Chia-Wen Lin
Elsevier	Signal Processing: image Communication	Area Editor	Chia-Wen Lin
IEEE	Journal on Selected Areas in Communications (JSAC), Special Issue on Network Science	Guest Editor	Ching-Yung Lin
	EURASIP Journal on Image and Video Processing	Associate Editor	Shipeng Li
Elsevier	Journal of Visual Communication and Image Representation	Editorial Board	Weisi Lin
IEEE	IEEE Transactions on Multimedia	Associate Editor	Weisi Lin
IEEE	IEEE Signal Processing Letters	Associate Editor	Weisi Lin
Elsevier	Journal of Visual Communication and Image Representation	Special Issue Guest Editor	Weiyao Lin
Springer	Journal of Multidimensional Systems and Signal Processing	Associate Editor	Nam Ling
EURASIP	Eurasip Journal on Advances in Signal Processing	Guest Editor	Daniel P.K. Lun
Hong Kong Institute of Engineers	The HKIE Transactions	Editor	Daniel P.K. Lun
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Enrico Magli
Hindawi	EURASIP Journal on Information Security	Associate Editor	Enrico Magli
Elsevier	Signal processing Image Communication	Invited Associated Editor	Marco Mattavelli

IEEE	Signal Processing Magazine	Editorial Board	Fernando Pereira
Elsevier	Journal of Visual Communication and Image Representation	Editorial Board	Fernando Pereira
Elsevier	Signal Processing: Image Communication	Editorial Board	Fernando Pereira
Springer, LNCS	Transactions on Data Hiding and Multimedia Security	Editor-in-Chief	Yun Qing Shi
Springer	Multidimensional Systems and Signal Processing	Associate Editor	Yun Qing Shi
IEEE	IEEE Transactions on Image Processing	Associate Editor	Wan-Chi Siu
Elsevier	Journal of Visual Communication and Image Representation	Editor-in-Chief	Ming-Ting Sun
Springer	EURASIP Journal of Image & Video Processing	Editorial Board	Yap-Peng Tan
Springer	EURASIP Journal on Advances in Signal Processing	Editorial Board	Yap-Peng Tan
IEEE	IEEE Transactions on Circuits and Systems for Video Technology	Associate Editor	Anthony Vetro
IEEE	IEEE Transaction on Multimedia	Steering Committee (term expired 2011)	Anthony Vetro
IEEE	IEEE Multimedia Magazine	Editorial Board	Anthony Vetro
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Dapeng Wu
Elsevier	Journal of Visual Communication and Image Representation	Editorial Board	Dapeng Wu
INDERSCIENCE	International Journal of Ad Hoc and Ubiquitous Computing,	Editorial Board	Dapeng Wu
IEEE	Network Magazine, Special Issue on Machine and Robotic Networking	Guest editor	Dapeng Wu
EURASIP	Journal of Advances in Signal Processing	Associate Editor	Jar-Ferr Yang
EURASIP	Research Letters in Signal Processing	Associate Editor	Jar-Ferr Yang
	International Journal of Automation and Smart Technology	Associate Editor	Jar-Ferr Yang
IEEE	IEEE Signal Processing Letters	Associate Editor	Xiaokang Yang
Elsevier	Digital Signal Processing	Editorial Board	Xiaokang Yang
Springer	CCIS	Series Editor	Xiaokang Yang
IEEE	Transactions on Circuits and Systems for Video Technology	Associate Editor	Wenwu Zhu
IEEE	IEEE Transactions on Multimedia	Associate Editor	Wenwu Zhu
IGI	International Journal of Handheld Computing Research	Advisory Board	Wenwu Zhu

4.3. Awards, Honors, and Recognition

(Fellow, Distinguished Lecturer, Outstanding Service, Best Paper Awards, etc.)

Sponsor	Distinguished Lecturer	Period	Name
IEEE	Fellow	2012 ~	Oscar Au
IEEE BTS	Distinguished Lecturer	2009-2013	Lap-Pui Chau
IEEE CAS	Fellow	2012~	Yen-Kuang Chen
IEEE CAS	Fellow	2004-	C. W. Chen
IEEE CAS	ISCAS2011 Best Student Paper Finalist	May 2011	C. W. Chen
IEEE ICME	ICME2011 Best Paper Finalist	July 2011	C. W. Chen
ACM	ACM MSWiM2011 Best Paper Finalist	November 2011	C. W. Chen
Taiwan IC Design Society	Outstanding Young Research Award	2011	Shao-Yi Chien
Pan Wen Yuan Foundation	The Outstanding Young Research Award	2011	Shao-Yi Chien
Academia Sinica	Research Award for Junior Scholars	2011	Shao-Yi Chien
APSIPA	Distinguished Lecturer	2012-2013	Hsueh-Ming Hang
Pan Wen-Yuan Foundation	Pan Wen-Yuan Outstanding Research Award	July 2011	C.-C. Jay Kuo
Elsevier	Editor Emeritus Award	December 2011	C.-C. Jay Kuo
IEEE CAS	T-CSVT Best Associate Editor's Award	2010	Gwo Giun (Chris) Lee
IEEE	Fellow	2012 ~	Ching-Yung Lin
AIS	Best Theme Paper Award, International Conference on Information Systems	2011	Ching-Yung Lin
Asia-Pacific Signal and Information Processing Association (APSIPA)	Distinguished Lecturer	2012-2013	Weisi Lin
IEEE Annual India Conference (INDICON), 2011	Best Paper Award in the track Computing in Dialogue Session for paper "Promoter prediction using DNA numerical representation and neural network: Case study with three organisms", 2011 IEEE Annual India Conference (INDICON), 2011	2011	Daniel P.K. Lun
IEEE Signal Processing Society	Certificate of Merit from IEEE Signal Processing Society "for dedication and leadership in organizing the 2010 IEEE International Conference on Image Processing (ICIP)", 2010	2010-2011	Daniel P.K. Lun
IEEE GRSS	T-GARS Best paper award	2011	Enrico Magli
ISO/IEC	ISO/IEC Award for Project Leader in the development of the ISO/IEC 23001-4 and 23002-4 standards	2007-2011	Marco Mattavelli
IEEE CAS	Best Associate Editor Award of IEEE Transactions on Circuits and Systems for Video Technology	2010-2011	Dapeng Wu
IEEE	Fellow	2012	Wan-Chi Siu

IEEE COMSOC	Best Paper Award, IEEE GLOBECOM 2011	2011	Dapeng Wu
University of Florida	Research Foundation Professorship Award	2009 - 2011	Dapeng Wu
IEEE	ICME 2011 Quality Reviewer	2011	Lu Yu

4.4. Keynote Speeches/Invited Talks:

Invited by	Event/Conference Title	Talk Title	Date	Name
Tongji University		"Can we get more than 1 pixel resolution out of 1 pixel?"	Dec 2011	Oscar Au
Alcatel-Lucent Bell Labs, Belgium.		"Can we get more than 1 pixel resolution out of 1 pixel?"	Nov 2011	Oscar Au
Hong Kong Institute of Engineer (HKIE)		"Next Generation Video Coding Standard beyond H.264,"	Nov 2011	Oscar Au
IEEE CAS MSATC.	Live webcast seminar	"Joint AVS Compression and Encryption for secure communication,"	Nov 2011	Oscar Au
IEEE SPSoc	Summer school on 3D and HD video processing systems	Multi-view 3D Object Reconstruction: Segmentation, Modeling, and Beyond	July 2011	Jianfei Cai
IEEE ICME	ICME2012	TBD	July 2012	C. W. Chen
IEEE VCIP	VCIP2011	Contemporary Ubiquitous Media Services: Mobile Media Content Recommendation and Adaptation	November 2011	C. W. Chen
Huawei	Second Huawei Workshop on Multimedia Processing and Computing in Cloud	Mobile JND	May 2012	C. W. Chen
WOCC	The 21th Annual Wireless and Optical Communications Conference 2012	What's Next on Video Coding Techniques and Standards	April 2012	Hsueh-Ming Hang
IPPR	The IPPR Conference on Computer Vision, Graphics, and Image Processing	Optimizing Emerging Multimedia Algorithms on Multi-Core Platforms	Aug 2011	Yen-Kuang Chen
IEEE	The Visual Communications and Image Processing Conference	Multimedia Signal Processing on Multiple Cores	Nov 2011	Yen-Kuang Chen
MMSP	MMSP 2011	A dictionary perspective on Multimedia Signal Processing	Oct 2011	Pascal Frossard
IEEE	VCIP 2011	A machine learning approach to visual information processing	Nov. 2011	C.-C. Jay Kuo
National Tsing Hua University	2011 IEEE Signal Processing Society Summer School	High Dynamic Range Image Processing	July 2011	Zhengguo Li
IEEE ICASST	3rd IEEE International Conference on Adaptive Science and Technology (ICASST)	Keynote Speech, "Video Compression - A New Era."	November 24 - 26, 2011.	Nam Ling
IEEE CAS Society Santa Clara Valley Chapter (USA).	Invited lecture at chapter meeting.	Invited lecture, "Video Compression Technology - On Building the Next Generation."	September 26, 2011.	Nam Ling
CNRS	GDR-ISIS	CAL dataflow: portable parallelism for the development of streaming and signal processing systems	11-5-2011	Marco Mattavelli
Conf. Chair	EUROITV'2011	Visual compression: the foundational technology for better TV experiences	Lisbon, Portugal, June 2011	Fernando Pereira
Conf. Chair	II National Conference on Telecommunications (CONATEL)	Video compression: an evolving technology for better user experiences	Arequipa, Peru, May 2011	Fernando Pereira
School Chair	Summer School on Advances in Image, Motion and Video Coding and Processing, Danmarks Tekniske Universitet	Trends on Visual Coding	Copenhagen, Denmark, August 2011	Fernando Pereira
School Chair	Summer School on Advances in Image, Motion and Video Coding and Processing, Danmarks Tekniske Universitet	Distributed Video Coding: Basics, Solutions and Trends	Copenhagen, Denmark, August 2011	Fernando Pereira
Peking University	Invited Talk	Digital video coding, concept and standards	March 13, 2012	Huifang Sun
IEEE	IIH-MSP 2011	Smart Living and Smart Learning in Smart Cloud City	October 2011	Jar-Ferr Yang
IEEE	ICBMI 2011	Creative Exhibition and Smart Living Technologies with Humanity Considerations	December 2011	Jar-Ferr Yang

APSIPA	Asia-Pacific Signal and Information Processing Association (APSIPA)	Distinguished Lecturer	2012-2013	Xiaokang Yang
IEEE	IEEE TTM'2011	Technologies Beyond 2020 (Keynote Speech)	June 2011	Philipp Zhang

4.5. Other distinguished IEEE services

(e.g., CAS BoG, Region presidents, VP, TC Chairs/Secretary, etc.)

Organization	Position/Activities	Period	Name
IEEE CAS	Member, MSATC	current	Oscar Au
IEEE CAS	Member, VSPC TC	current	Oscar Au
IEEE CAS	Member, DSP TC	current	Oscar Au
IEEE SP	Chair, MMSP TC	current	Oscar Au
IEEE SP	Member, IVMSP TC	current	Oscar Au
IEEE ComSoc	Member, MMTC	current	Oscar Au
IEEE CAS	Member, ICME Steering Committee	current	Oscar Au
IEEE	Member, IEEE Trans. On Multimedia (TMM) Steering Committee	current	Oscar Au
APSIPA	Board of Governor, Asia Pacific Signal and Information Processing Association	current	Oscar Au
SMPTE	Member, Society of Motion Picture and Television Engineers	current	Oscar Au
AES	Member, Audio Engineering Society	current	Oscar Au
IEEE CAS	Chair of Technical Committee on Circuits & Systems for Communications (TC-CASC)	2010-2012	Lap-Pui Chau
IEEE CAS	Member, ISCAS Steering Committee	2011-2015	C. W. Chen
IEEE CAS	Chair, CASS Meritorious Service Award Subcommittee	2012	C. W. Chen
IEEE	TC Chair of MSA TC	2012-2013	Yen-Kuang Chen
IEEE SPS	IVMSP TC, Vice-Chair	2012-2013	Pascal Frossard
IEEE CAS	VSPC TC Chair	2010-2012	Shipeng Li
IEEE SPS	BoG	2012-2014	C.-C. Jay Kuo
IEEE CAS	Secretary, Multimedia Systems & Applications	2012-2013	Chia-Wen Lin
IEEE SPS	Chair, Conferences and Workshop Subcommittee, Multimedia Signal Processing TC	2010-2011	Chia-Wen Lin
IEEE SP	BoG	Elected for 2012	Fernando Pereira
IEEE CAS	Chair, Award & Nomination Sub TC of IEEE MSA TC	2012-2013	Ming-Ting Sun
IEEE SPS	VP-Conference	2012-2014	Wan-Chi Siu
IEEE	Member, ICME Steering Committee	2010-2012	Yap-Peng Tan
IEEE SP	Chair, Nominations and Elections Subcommittee, Multimedia Signal Processing TC	current	Yap-Peng Tan
IEEE CAS	CAS Fellows Evaluation Committee	2011, 2012	Anthony Vetro
IEEE Tainan Section	Chairman		Jar-Ferr, Kevin Yang
IEEE CAS	CAS Beijing Chapter Chair	2003-present	Wenwu Zhu

1. TC Chair and Secretary Approvals

- Chair approval: Yap-Peng Tan, approved at the ISCAS2012 TC meeting
- Secretary approval: Yap-Peng Tan nominated by Huifang Sun, endorsed by Yen-Kuang Chen, Oscar Au, Hsueh-Ming Hang, Chang Wen Chen, and Tihao Chiang, and approved at the ISCAS2012 TC meeting

Bio:

- **Gwo Giun (Chris) Lee** (S'91-M'97-SM'07) received his B.S. degree in Electrical Engineering from National Taiwan University and both his M.S. and Ph.D. degrees in Electrical Engineering from University of Massachusetts. Dr. Lee has held several managerial positions in the industry including System Architect in former Philips Semiconductors, USA, DSP Architect in Micrel Semiconductors, USA, and Director of Quanta Research Institute, Taiwan before joining the faculty team of the Department of Electrical Engineering in National Cheng Kung University in Tainan, Taiwan where he established the Media SoC Laboratory. He was also a visiting Professor at "Swiss Federal Institute of Technology" (EPFL), Switzerland during 2007. Dr. Lee has authored more than 60 technical papers and is currently a member of the ISO/IEC MPEG standardization committee and was also the main editor for the Reconfigurable Video Coding (RVC) Ad Hoc group. He also served as the Associate Editor for both IEEE Transactions on Circuits and Systems for Video Technology and Journal of Signal Processing Systems. He received the Best Associate Editor's Award for IEEE Transactions on Circuits and Systems for Video Technology in 2010. Dr. Lee was also the Guest Editor for IEEE TCSVT's November, 2009 special issue on "Algorithm/ Architecture Co-Exploration for Visual Computing on Emergent Platforms". He is a member of the technical committee for "Visual Signal Processing & Communications" and "Multimedia Systems Application" tracks for

IEEE International Symposium on Circuits and Systems (ISCAS). Dr. Lee also serves as the technical committee member for both the Digital Implementation of Signal Processing Systems (DISPS) and the Industry Digital Signal Processing (IDSP) committees for IEEE Signal Processing Society, Circuits and Systems Society and Communications Society. His research interests are focused on algorithm, architecture, VLSI/SoC design, and Algorithm/Architecture Co-Exploration (AAC) for visual computing.

Brief Statement for Nomination:

- The proliferation of versatile visual signal processing applications driven especially by the requirements of conveying vast amount of video information having diverse formats over high throughput networks and ubiquitous deployment over wireless communication channels has posted new challenges and hence of course new opportunities for the field of Visual Signal Processing and Communications (VSPC). In order to attune to and to sustain cutting-edge position in this trend and based on the innate traditions of excellence inherited from our technical committee, it is anticipated that the field of VSPC within the circuit and systems society will escalate with our technical committee (TC) focusing on and steering the promotion of paradigm-shifting technologies not only at the algorithmic and VLSI circuits level, but also system-level architecture including both software and hardware; the recruiting of new TPC members; and coordination of special publication related activities as stipulated below.

- Approval votes: 34/34

6. Visual Communications and Image Processing (TC Conference)

6.1 Report on VCIP 2011

- Total paper submissions: 222
- Total accepted paper number: 145
- Total registered paper number: 141 (35 poster papers, 74 oral, 28 special, 4 demo)
- 16 oral sessions, 6 special sessions, 7 poster sessions, and 1 demonstration session
- A great success for the first TC conference

6.2 Report on VCIP 2012 Status

- 270 paper submissions (including special session papers)
- A great start!

6.3 Future VCIP Proposals

- Malaysia's proposal for VCIP 2013 was accepted by the TC (20 approval votes)
General Chairs : King Ngi Ngan, Chinese University of Hong Kong, Hong Kong
Kai-Kuang Ma, Nanyang Technological University, Singapore
Organising Chair : Chee Seng Chan, University of Malaya, Malaysia
Technical Program Chairs : Lap Pui Chau, Nanyang Technological University, Singapore
Nam Ling, Santa Clara University, USA
- Malta's proposal for VCIP 2014 was to be presented again at the next TC meeting.

7. Other Business

7.1 VSPC TC Review

- VSPC TC was reviewed by CASS TC Review Committee comprising the following members on 23 May 2012.
Vojin G. Oklobdzija, VP Technical Activities, TC Review Committee Chair
Gianluca Setti, Past President, CAS, TC Review Committee Member
Mani Soma, Past President, CAS, TC Review Committee Member
Wouter Serdijn, Past CAS Transactions Editor, TC Review Committee Member
Mario di Bernardo, CAS Vice President, Administration, TC Review Committee Member
- The review document was submitted to the TC Review Committee before ISCAS 2012.
- Shipeng Li, Yap-Peng Tan, and Chris Lee met with the TC Review Committee and presented on the TC's Vision & Mission, Interest & Activities, Memberships, Journal/Conference/Other Activities, Self-Assessment, and Future Plans.

7.2 ICME 2013 Promotion

- Prof Nam Ling invited TC members to submit papers and participate in ICME 2013.