

**2009 Annual Report (May 2008 – April 2009)**  
**Multimedia Systems and Applications Technical Committee**  
**IEEE Circuits and Systems Society**

Chairman: Jar-Ferr Kevin Yang  
Secretary: Ching-Yung Lin

## 1. 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:

### 1.1. Upcoming TC Meeting in ISCAS 2009

Date: 26 May 2009 (Tuesday, during ISCAS 2009)  
Venue: Room 202B, Taipei International Conference Center,  
ISCAS 2009, Taipei, Taiwan  
Time: 12:10pm – 13:15pm  
Chairman: Jar-Ferr (Kevin) Yang  
Secretary: Ching-Yung Lin

#### Possible Attendants (in order of first name):

Bin-Da (Brain) Liu, National Cheng Kung University, [bdliu@ieee.org](mailto:bdliu@ieee.org)  
Bing Sheu, TSMC, [bing\\_sheu@tsmc.com](mailto:bing_sheu@tsmc.com)  
Ce-Kun Shieh, National Cheng-Kung University, [shieh@ncku.edu.tw](mailto:shieh@ncku.edu.tw)  
Chang Wen Chen, State University of New York at Buffalo, [chencw@cse.buffalo.edu](mailto:chencw@cse.buffalo.edu)  
Cha-Wen Lin, National Tsing Hua University, [cwlin@ee.nthu.edu.tw](mailto:cwlin@ee.nthu.edu.tw)  
C.-C. Jay Kuo, USC, [cckuo@sipi.usc.edu](mailto:cckuo@sipi.usc.edu)  
Chua-Chin Wang, National Sun Yat-Sen University, [ccwang@ee.nsysu.edu.tw](mailto:ccwang@ee.nsysu.edu.tw)  
Gwo Giun (Chris) Lee, National Cheng Kung University, [clee@mail.ncku.edu.tw](mailto:clee@mail.ncku.edu.tw)  
Feng Wu, Microsoft Asia, [fengwu@microsoft.com](mailto:fengwu@microsoft.com)  
Huifang Sun, MERL, [hsun@merl.com](mailto:hsun@merl.com)  
Jar-Ferr (Kevin) Yang, National Cheng Kung University, [jfyang@ee.ncku.edu.tw](mailto:jfyang@ee.ncku.edu.tw)  
Jen-Shiun Chiang, Tamkang University, [chiang@ee.tku.edu.tw](mailto:chiang@ee.tku.edu.tw)  
Jhing-Fa Wang, National Cheng Kung University, [wangjf@csie.ncku.edu.tw](mailto:wangjf@csie.ncku.edu.tw)  
Jianfei Cai, Nanyang Technological University, [asjfc@ntu.edu.sg](mailto:asjfc@ntu.edu.sg)  
Jian Zhang, National ICT Australia, [Jian.Zhang@nicta.com.au](mailto:Jian.Zhang@nicta.com.au)  
Lap-Pui Chau, Nanyang Technological University, [elpchau@ntu.edu.sg](mailto:elpchau@ntu.edu.sg)  
Liang-Gee Chen, National Taiwan University, [lgchen@cc.ee.ntu.edu.tw](mailto:lgchen@cc.ee.ntu.edu.tw)  
Ming-Ting Sun, University of Washington, [sun@ee.washington.edu](mailto:sun@ee.washington.edu)  
Nam Ling, Santa Clara University, [NLing@scu.edu](mailto:NLing@scu.edu)  
Oscar Au, Hong Kong University of Science and Technology, [eeau@ust.hk](mailto:eeau@ust.hk)  
Pau-Chu (Julia) Chung, National Cheng Kung University, [pcchung@ee.ncku.edu.tw](mailto:pcchung@ee.ncku.edu.tw)  
Shao-Yi Chien, National Taiwan University, [sychien@cc.ee.ntu.edu.tw](mailto:sychien@cc.ee.ntu.edu.tw)  
Sen-Ching Samson Cheung, [cheung@engr.uky.edu](mailto:cheung@engr.uky.edu)  
Shipeng Li, Microsoft, [Shipeng.Li@microsoft.com](mailto:Shipeng.Li@microsoft.com)  
Thanos Stovraitis, [thanos@upatras.gr](mailto:thanos@upatras.gr)  
Wai-Chi Fang, Jet Propulsion Lab, [wfang@jpl.nasa.gov](mailto:wfang@jpl.nasa.gov)  
Mingui Sun, University of Pittsburg, [drsun@pitt.edu](mailto:drsun@pitt.edu)  
Susanto Rahardja, Institute for Infocomm Research, [rsusanto@i2r.a-star.edu.sg](mailto:rsusanto@i2r.a-star.edu.sg)  
Wen-Liang Hwang, Academia Sinica, Taiwan, [whwang@iis.sinica.edu.tw](mailto:whwang@iis.sinica.edu.tw)  
Yen-Kuang Chen, Intel Corporation, [ykchen@gmail.com](mailto:ykchen@gmail.com)

#### New Nominated TC Members:

Timothy K. Shih, National Taipei University of Education, [timothykshih@gmail.com](mailto:timothykshih@gmail.com)  
(Nominated by Jen-Shiun Chiang)  
Jong Won Kim, Kwang-Ju Institute of Science and Technology, [jongwon@gist.ac.kr](mailto:jongwon@gist.ac.kr)  
(Nominated by C.-C. Jay Kuo)

Supavadee Aramvith, Chulalongkorn University, [Supavadee.A@chula.ac.th](mailto:Supavadee.A@chula.ac.th)  
(Nominated by Chia-Wen Lin)

Wen-Hsiao Peng, National Chiao-Tung University, [pawn@mail.si2lab.org](mailto:pawn@mail.si2lab.org)  
(Nominated by Chia-Wen Lin and Yen-Kuang Chen)

Der-Jiunn Deng, National Chang Hua University of Education, [djdeng@cc.ncue.edu.tw](mailto:djdeng@cc.ncue.edu.tw)  
(Nominated by Julia Chung)

Jen-Wen Ding, Kaohsiung University of Applied Science, [jwding@cc.kuas.edu.tw](mailto:jwding@cc.kuas.edu.tw)  
(Nominated by Gwo Giun (Chris) Lee)

Prof. Sheau Fang Lei, National Cheng Kung University, [leisf@mail.ncku.edu.tw](mailto:leisf@mail.ncku.edu.tw)  
(Nominated by Gwo Giun (Chris) Lee)

Chih-Heng Ke, Kinmen Institute of Technology, [smallko@gmail.com](mailto:smallko@gmail.com)  
(Nominated by Ray Y.M. Huang)

Chin-Feng Lai, National Cheng Kung University, [cinfon@gmail.com](mailto:cinfon@gmail.com)  
(Nominated by Ray Y.M. Huang)

Jenq-Neng Hwang, University of Washington, [hwang@u.washington.edu](mailto:hwang@u.washington.edu)  
(Nominated by Kevin Yang)

Yong Rui, Director of Microsoft Education Product Group, [yongrui@microsoft.com](mailto:yongrui@microsoft.com)  
(Nominated by Change Wen Chen)

#### **Agenda**

1. Opening of meeting
2. Introduction and welcome
3. Approval of the meeting agenda
4. Introduction and approval of new members
5. Approval of past meeting minutes
6. Election of new TC Secretary
7. Report on accomplished technical activities (May 2008 to May 2009)
8. Planning of upcoming events and near future activities
9. Award recognition and endorsement
10. New business
11. Adjournment

## **1.2. TC Meeting in ISCAS 2008**

Date: 20 May 2008 (Tuesday, during ISCAS 2008)  
Venue: ISCAS 2008, Seattle, Washington, USA  
Time: 12:50pm – 2:00pm  
Chairman: Jar-Ferr (Kevin) Yang  
Secretary: Ching-Yung Lin

#### **Attendance (in order of self-introduction):**

Kevin Yang, National Cheng Kung University [jfyang@ee.ncku.edu.tw](mailto:jfyang@ee.ncku.edu.tw)  
Ching-Yung Lin: IBM Watson Research Center, [chingyung@us.ibm.com](mailto:chingyung@us.ibm.com)  
Bin-Da Lin, National Cheng Kung University [beliu@mail.ncku.edu.tw](mailto:beliu@mail.ncku.edu.tw)  
Chua-Chin Wang: National Sun Yat-Seng Univ., [ccwang@ee.nsysu.edu.tw](mailto:ccwang@ee.nsysu.edu.tw)  
Susanto Rahardja: Institute for Infocomm Research, [rsusanto@i2r.a-star.edu.sg](mailto:rsusanto@i2r.a-star.edu.sg)  
Yen-Kuang Chen: Intel Corporation, [yen-kuang.chen@intel.com](mailto:yen-kuang.chen@intel.com)  
Liang-Gee Chen: National Taiwan University, [lgchen@ee.ntu.edu.tw](mailto:lgchen@ee.ntu.edu.tw)  
Jian Zhang, MMSP, [jian.zhang@nicta.com.au](mailto:jian.zhang@nicta.com.au)  
Jianfel Cai: Nanyang Technology University, Singapore, [asifcai@ntu.edu.sg](mailto:asifcai@ntu.edu.sg)  
Kou-Hu Tzou, start-up company, semiconductor industry, [ktzou@ieee.org](mailto:ktzou@ieee.org)  
Huifang Sun: Mitsubishi Research Lab, [hsun@merl.com](mailto:hsun@merl.com)  
Mladen Berekovic, [berekovic@ida.ing.tu-bs.de](mailto:berekovic@ida.ing.tu-bs.de)  
Jhing-Fa Wang, National Cheng Kung University, [wangjf@mail.ncku.edu.tw](mailto:wangjf@mail.ncku.edu.tw)  
Change Wen Chen: SUNY Buffalo, [chencw@buffalo.edu](mailto:chencw@buffalo.edu)  
Min-Jen Tsai: National Chiao-Tung University, [mjtsai@cc.nctu.edu.tw](mailto:mjtsai@cc.nctu.edu.tw)  
Gwo Giun (Chris) Lee: National Cheng-Kung University, [clee@mail.ncku.edu.tw](mailto:clee@mail.ncku.edu.tw)  
Ce-Kun Shieh: National Cheng-Kung University, [shieh@ncku.edu.tw](mailto:shieh@ncku.edu.tw)  
Chia-Wen Lin: National Tsing-Hua University, [cwlin@ee.nthu.edu.tw](mailto:cwlin@ee.nthu.edu.tw)  
Wai-Chi Fang, National Chiao-Tung University, [wfang@mail.nctu.edu.tw](mailto:wfang@mail.nctu.edu.tw)

Oscal T.-C. Chen: National Chung Cheng University, [oscal@ee.ccu.edu.tw](mailto:oscal@ee.ccu.edu.tw)  
Yun Q. Shi: NJIT, [shi@njit.edu](mailto:shi@njit.edu)  
Anthony TS Ho, [a-ho@surrey.ac.uk](mailto:a-ho@surrey.ac.uk)  
Mingui Sun: Pittsburgh, [drsun@pitt.edu](mailto:drsun@pitt.edu)  
Yueh-Min (Ray) Huang: National Cheng-Kung University, [huang@mail.ncku.edu.tw](mailto:huang@mail.ncku.edu.tw)  
Oscar Au: HK Science & Tech U., [eeau@ust.hk](mailto:eeau@ust.hk)  
Ping Xue: Nanyang Tech. U, Singapore, [epxue@btu.edu.sg](mailto:epxue@btu.edu.sg)  
Ming-Ting Sun, Univ of Washington, [sun@ee.washington.edu](mailto:sun@ee.washington.edu)  
C.C. Jay Kuo, Univ. of South California, [cckuo@sipi.usc.edu](mailto:cckuo@sipi.usc.edu)  
Seok-Bum Ko, Univ. of Saskatchewan, [seokbum.ko@usask.ca](mailto:seokbum.ko@usask.ca)  
Samson Cheung, Univ. of Kentucky, [cheung@engr.uky.edu](mailto:cheung@engr.uky.edu)  
Shao-Yi Chien, National Taiwan University, [sychien@cc.ee.ntu.edu.tw](mailto:sychien@cc.ee.ntu.edu.tw)  
Nam Ling, Santa Clara Univ., [nling@scu.edu](mailto:nling@scu.edu)  
Weisi Lin, Nanyang Tech. Univ. [wslin@ntu.edu.sg](mailto:wslin@ntu.edu.sg)  
Tihao Chiang, National Chiao-Tung University, [tchiang@mail.nctu.edu.tw](mailto:tchiang@mail.nctu.edu.tw)  
Akiomi Kunisa, SANYO, [akunisa@stec.sanyo.com](mailto:akunisa@stec.sanyo.com)  
Guan Ling: U. Ryerson, [lguan@ee.ryerson.ca](mailto:lguan@ee.ryerson.ca)  
Jen-Shiun Chiang, Tamkang Univ., [chiang@ee.tku.edu.tw](mailto:chiang@ee.tku.edu.tw)  
Shipeng Li, Microsoft Research Asia, [spli@microsoft.com](mailto:spli@microsoft.com)  
Jian Zhang, National ICT Australia, [jian.zhang@nicta.com.au](mailto:jian.zhang@nicta.com.au)

## Agenda

1. Opening of meeting
2. Introduction and welcome
3. Approval of the meeting agenda
4. Approval of past meeting minutes (ICME 2006)
5. Introduction and approval of new members (Vote new members)
6. Election of New TC Secretary
7. Report on accomplished technical activities (May 2006 to April 2007)
8. Planning of upcoming events and near future activities
9. Award recognition and endorsement
10. New business
11. Adjournment

### 1. Opening of Meeting

### 2. Introduction and Welcome

Kevin Yang welcomed everyone and invited everyone to take turns to introduce themselves.

### 3. Approval of the Meeting Agenda

Kevin Yang asked for approval. Liang-Gee Chen and Chang Wen Chen second.

### 4. Approval of the Past Meeting Minutes,

#### (1) ICME 2007 meeting in Beijing.

In MSATC website, only a few people send their photos. Kevin Yang suggested removing the photo. Chang Wen Chen said we need the photo. If people don't have photos, then they cannot have lunch next time. Suggestions: Ask members send photos to Kevin before next TC meeting.

#### (2) ISCAS 2007 meeting in New Orleans.

Results: Kevin Yang asked for approval. Oscar Au second. No one raised issues. Both are approved.

### 5. Introduction and Approval of New TC Members:

Nominations:

Xiaoou Tang, Microsoft, nominated by Cheng Wen Chen.  
Jianfei Cai, NTU, Singapore, nominated by Chia-Wen Lin  
Ray Y.M. Huang, NCKU, nominated by Kevin Yang  
Antony T. S. Ho, Univ. of Surrey, nominated by Y. Q. Shi  
Ce-Kuen Hsieh, NCKU, nominated by Kevin Yang  
Yen-Kuang Chen, Intel, nominated by Ching-Yung Lin  
Weisi Liu, NTU, Singapore, nominated by Ming Ting Sun  
Min-Jen Tsai, NCTU, nominated by Gwo Giun (Chris) Lee.

Mladen Berekovic, Technical University of Germany, nominated Jeorn Ostermann  
Nam Ling, Santa Clara University, nominated by Oscar Au

Wai-Chi Fan raised to approve all members. Oscar Au second. 27 agreed. No one against. All approved to accept these 8 nominees as new members.

## 6. Report on Accomplished Technical Activities (May 2007 to May 2008)

Kevin Yang reported the collected technical activities from all TC members (See separated file). The technical activities were summarized as:

### Conference participations:

- ICME 2007 (General Chair= Wen Gao, TPC= Yun Shi, Yu-Hen Hu, Joern Ostermann, IAC= Ming-Ting Sun, Peter Pirsch, Chang-Wen Chen, Liang-Gee Chen, Tutorial Chair= Ming-Ting Sun, Oscar Au, Finance Chair= Belle Tseng, TPC member= Tihao Chiang, Milind Naphade, Jacky Shen, Yun Shi, Howard Leung, Oscar Au, Min Wu, etc.)
- ISCAS 2008: MSA track chair, MSA RCMs, Reviewers.
- IHMSP 2007 (General Chair= Wai Chi Fang, General Vice Chair= Jhing-Fa Wang, TPvC= , Jay Kuo, Steering Comm= Jiwu Huang, Yun-Qing Shi, Liaison= Bin-Da Liu, Ming-Ting Sun, Chang Wen Chen, Peter Pirsch, IAC= Tihao Chiang Yu-Hen Hu, C.S. Li, Bing Sheu, Peter Pirsch, Yun Shi, Tutorial Chair= Liang-Gee Chen, Min Wu, Oscar Au, TPC member= Tsuhan Chen, Ming-Ting Sun, Chia-Wen Lin, Oscar Au, Chang Wen Chen, Liang Gee Chen, Tsuhan Chen, C.S. Li, Ching-Yung Lin, Chin-Teng Lin, Enrico Magli, Min Wu, Keynote= Yun Shi, Tutorial= Oscar Au, SS= Enrico Magli.)

### Conference participations:

- APCCAS 2006
- TENCON 2006
- VTC 2006
- ICASSP 2006,
- ICIP 2006
- PCS 2006
- ISSPIT 2006
- ACM MMM 2006
- EUSIPCO 2006
- PV2006
- Etc.

### IEEE and Other Journal Editorships:

- Trans. on Multimedia (Steering Committee= Yu Hen Hu, Oscar Au, Jar-Ferr Yang, AE= Pascal Frossard, Qian Zhang, Alex Loui, Ching Yung Lin, Lap Pui Chau; Reviewer= Jacky Shen, Jiwu Huang, Gwo Giun Lee, Howard Leung, Oscar Au, Min Wu)
- T-CSVT (EIC= Chang Wen Chen, AE= Oscar Au, Pascal Frossard, Jar-Ferr Yang, Jianfei Cai, Reviewer= Jar-Ferr Yang, Oscar Au, Jiwu Huang, Jacky Shen, Enrico Magli, Wen-Liang Hwang, Howard Leung, Min Wu, Jian Zhang, Gwo Giun (Chris) Lee, Jian Zhang)
- T-CAS1 (EIC= Sankar Basu, Reviewer= Jar-Ferr Yang, Chua-Chin Wang, Gwo Giun (Chris) Lee)
- T-CAS2 (Deputy EIC= CT Lin, Reviewer= Jar-Ferr Kevin Yang, Chua-Chin Wang)
- TIP (AE=Mark Liao, SP Soc, Reviewer= Jacky Shen, Oscar Au, Enrico Magli, Wen-Liang Hwang)
- Proc. of IEEE (AE= Bing Sheu)
- Trans. on VLSI Systems (AE= Bin-Da Liu, Reviewer= Chua-Chin Wang)
- IEEE Interactive Magazine (Comm Soc, EIC= Ching-Yung Lin)
- SPL (SP Soc, AE= Min Wu, Reviewer= Jiwu Huang)
- SP Magazine (EIC= Shih-Fu Chang, AE= Adriana Dumitras, Min Wu, Jie Chen)
- TIFS (AE= Ming Wu, Reviewer= Min Wu, Oscar Au)
- T. Wireless Communication (Comm Soc, AE= Qian Zhang)
- T. Vehicular Technology (Comm. Soc, AE= Qian Zhang)
- JSAC (Comm. Soc., GE= Qian Zhang, GE=Jin Li)
- Systems J. (Advisory board= Wai Chi Fang)
- Fuzzy Systems (AE= Bin Da Liu)
- Biomedical Circuits and Systems (AE= Bin Da Liu)
- Multimedia Magazine, (AE= Yu Hen Hu)

- Boardcasting (AE= Lap-Pui Chau)
- J. of Peer-to-Peer Networking and Applications (Springer, AE: Jacky Shen, Qian Zhang, Jin Li)
- J. VCIR (EIC= Jay Kuo, AE= Ching-Yung Lin, Reviewer=Jacky Shen, Oscar Au, Jin Li)
- EURASIP JASP (AE= C.C. Jay Kuo, Jar-Ferr Yang, Reviewer= Jar-Ferr Yang, Oscar Au, Gwo Giun (Chris) Lee) (Special issue: Chia-Wen Lin, Ming-Ting Sun, Anthony Vetro, Alex Kot, YP Tan; Adriana Dumitras)
- ACM Tran. On Multimedia Computing (Reviewer= Jacky Shen)
- J. of Advances in Multimedia (Hindawi, AE= C.C. Jay Kuo, Jack Shen, Qian Zhang) (SI= Jacky Shen)

**Distinguished Lecturer:**

- Pau-Choo (Julia) Chung, (2006-2007)
- Chua-Chin Wang (2008-2009)
- Corey Chang (2008 – 2009)
- Huifang Sun (2008-2009)

**Other IEEE services:**

- CAS BOG:  
Pao-Choo Julia Chung (07-09), Wai Chi Fang (07-09),
- VP Conference:

**Planning of Upcoming Events:**

- ICME 2008, IHHMSP 2009, PCM 2008, APCCAS 2008, ISCAS 2009. ICME 2009, ICME 2010, MMSP 2008
- ICME 2008: Susanto -- 800 papers. 50% accepted – lecture & poster. 92 regular and 22 special sessions.

**News from BOG Meeting:**

- Congratulation to Winston Wai-Chi Fang and Pau-Chu Julia Chung for being elected to the CAS BOG (Board of Governor)
- Brief report from Winston and Julia.

**7. Planning of Upcoming Events and Near Future Activities**

- ISCAS 2009, Taiwan, Jhing-Fa Wang, Bin-Da Liu, Jar-Ferr Kevin Yang, Julia Chung
- ICME 2008, Germany, Joern Ostermann and Milind Naphade
- ICME 2009, Cancun, Ching Yung Lin
- ICME 2008, IHHMSP 2009, PCM 2008, APCCAS 2008, ISCAS 2009. ICME 2009, ICME 2010, MMSP 2008
- ICME 2008: Susanto -- 800 papers. 50% accepted – lecture & poster. 92 regular and 22 special sessions.
- PV 2009: Jin Li

**8. Award Recognition and Endorsement:**

**IEEE Fellows:**

- Ling Guan,
- Pau-Choo Chung,
- Nam Ling

**Best paper awards:**

- Ling Guan in PCM 2007,
- C.C. Wang in ICCE 2008,
- Qibin Sun in ICME 2007

**Conference endorsement:**

- IHHMSP 2008
- PCM 2008

**9. New business:**

- Dec 2009: IEEE CAS MSA Creative Contest Workshop. (CASCONTEST)
- ICME 2009: Advances in Multimedia Circuits and Systems Technology Workshop

## 10. Adjournment

The TC meeting was adjourned at 2:50pm.

Prepared by Chin-Yung Lin

## 1.2. TC Meeting in ICME 2008

Date: 24 June, 2008 (Tuesday, during ICME 2008)  
Venue: Room Neuer Saal, Hannover Congress Centrum  
ICME 2008, Hannover, Germany  
Time: 12:30pm – 14:00pm  
Chairman: Jar-Ferr (Kevin) Yang  
Secretary: Chin-Yung Lin

### Agenda

12. Opening
13. Introduction and welcome
14. Approval of the meeting agenda
15. Approval of past meeting minutes
16. Introduction and approval of new members
17. Report on accomplished technical activities
18. Planning of upcoming events
19. Award recognition and endorsement
20. New business
21. Adjournment

### Attendants:

Milind Naphade, [naphade@us.ibm.com](mailto:naphade@us.ibm.com)  
Chun-Shien Lu, [lcs@iis.sinica.edu.tw](mailto:lcs@iis.sinica.edu.tw)  
Tsu Han Chen, [tsuhan@cmu.edu](mailto:tsuhan@cmu.edu)  
Alexander C. Loui, [alexander.loui@kodak.com](mailto:alexander.loui@kodak.com)  
Liang-Gee Chen, [lgchen@cc.ee.ntu.edu.tw](mailto:lgchen@cc.ee.ntu.edu.tw)  
Mladen Berekovic, [berekovic@ida.ing.tu-bs.de](mailto:berekovic@ida.ing.tu-bs.de)  
Wei-Yang Lin, [wylin@cs.ccu.edu.tw](mailto:wylin@cs.ccu.edu.tw)  
Chris Lee, [clee@mail.ncku.edu.tw](mailto:clee@mail.ncku.edu.tw)  
Cha-Wen Lin, [cwlin@ee.nthu.edu.tw](mailto:cwlin@ee.nthu.edu.tw)  
Susanto Rahardja, [rsusanto@i2r.a-star.edu.sg](mailto:rsusanto@i2r.a-star.edu.sg)  
Homer Chen, [homer@cc.ee.ntu.edu.tw](mailto:homer@cc.ee.ntu.edu.tw)  
Lap-Pui Chau, [elpchau@ntu.edu.sg](mailto:elpchau@ntu.edu.sg)  
Shipeng Li, [Shipeng.Li@microsoft.com](mailto:Shipeng.Li@microsoft.com)  
Jar-Ferr (Kevin) Yang, National Cheng Kung University, [jfyang@ee.ncku.edu.tw](mailto:jfyang@ee.ncku.edu.tw)  
Oscar Au, Hong Kong University of Science and Technology, [eeau@ust.hk](mailto:eeau@ust.hk)  
Anthony Vetro: [avetro@merl.com](mailto:avetro@merl.com)  
Ching-Yung Lin, IBM, [chingyung@us.ibm.com](mailto:chingyung@us.ibm.com)  
Hongxia Jin, [jin@us.ibm.com](mailto:jin@us.ibm.com)  
Chun-Hsien Wu, [chwu@csie.ncku.edu.tw](mailto:chwu@csie.ncku.edu.tw)  
Vincent Shin-Mu Tseng, [tsengsm@mail.ncku.edu.tw](mailto:tsengsm@mail.ncku.edu.tw)  
Lekha Chaisorn, Institute for Infocomm Research, [clekha@i2r.a-star.edu.sg](mailto:clekha@i2r.a-star.edu.sg)

### 1. Opening of Meeting

### 2. Introduction and Welcome

Kevin Yang welcomed everyone and invited everyone to take turns to introduce themselves.

### 3. Approval of the Meeting Agenda

Kevin Yang asked for approval. Oscar Au second.

### 4. Approval of the Past Meeting Minutes,

Kevin Yang moved to approve the agenda and the meeting minutes of ICME 2008.

Results: Kevin Yang asked for approval. Oscar Au second. No one raised issues. Motion carried.

#### **5. Introduction and Approval of New TC Members:**

Chun-Hsien Wu, NCKU, nominated by Kevin Yang

Vincent Shin-Mu Tseng, NCKU, nominated by Chun-Shien Lu

Lekha Chaisorn, Institute for Infocomm Research, nominated by Susanto Rahardja

#### **6. Report on Accomplished Technical Activities (May 2007 to May 2008)**

Kevin Yang reported the collected technical activities from all TC members (See separated file). The technical activities were summarized as:

##### **Conference participations:**

- ICME 2007 (General Chair= Wen Gao, TPC= Yun Shi, Yu-Hen Hu, Joern Ostermann, IAC= Ming-Ting Sun, Peter Pirsch, Chang-Wen Chen, Liang-Gee Chen, Tutorial Chair= Ming-Ting Sun, Oscar Au, Finance Chair= Belle Tseng, TPC member= Tihao Chiang, Milind Naphade, Jacky Shen, Yun Shi, Howard Leung, Oscar Au, etc.)
- ISCAS 2008: MSA track chair, MSA RCMs, Reviewers.
- IIHMSP 2007 (General Chair= Wai Chi Fang, General Vice Chair= Jhing-Fa Wang, TPvC= , Jay Kuo, Steering Comm= Jiwu Huang, Yun-Qing Shi, Liaison= Bin-Da Liu, Ming-Ting Sun, Chang Wen Chen, Peter Pirsch, IAC= Tihao Chiang Yu-Hen Hu, C.S. Li, Bing Sheu, Peter Pirsch, Yun Shi, Tutorial Chair= Liang-Gee Chen, Min Wu, Oscar Au, TPC member= Tsuhan Chen, Ming-Ting Sun, Chia-Wen Lin, Oscar Au, Chang Wen Chen, Liang Gee Chen, Tsuhan Chen, C.S. Li, Ching-Yung Lin, Chin-Teng Lin, Enrico Magli, Min Wu, Keynote= Yun Shi, Tutorial= Oscar Au, SS= Enrico Magli.)

##### **Conference participations:**

- APCCAS 2006
- TENCON 2006
- VTC 2006
- ICASSP 2006,
- ICIP 2006
- PCS 2006
- ISSPIT 2006
- ACM MMM 2006
- EUSIPCO 2006
- PV2006
- Etc.

##### **IEEE and Other Journal Editorships:**

- Trans. on Multimedia (Steering Committee= Yu Hen Hu, Oscar Au, Jar-Ferr Yang, AE= Pascal Frossard, Qian Zhang, Alex Loui, Ching Yung Lin, Lap Pui Chau; Reviewer= Jacky Shen, Jiwu Huang, Gwo Giun Lee, Howard Leung, Oscar Au)
- T-CSVT (EIC= Chang Wen Chen, AE= Oscar Au, Pascal Frossard, Jar-Ferr Yang, Reviewer= Jar-Ferr Yang, Oscar Au, Jiwu Huang, Jacky Shen, Enrico Magli, Wen-Liang Hwang, Howard Leung, Min Wu, Jian Zhang)
- T-CAS1 (EIC= Sankar Basu, Reviewer= Jar-Ferr Yang, Chua-Chin Wang)
- T-CAS2 (Deputy EIC= CT Lin, Reviewer= Jar-Ferr Kevin Yang, Chua-Chin Wang)
- TIP (SP Soc, Reviewer= Jacky Shen, Oscar Au, Enrico Magli, Wen-Liang Hwang)
- Proc. of IEEE (AE= Bing Sheu)
- Trans. on VLSI Systems (AE= Bin-Da Liu, Reviewer= Chua-Chin Wang)
- IEEE Interactive Magazine (Comm Soc, EIC= Ching-Yung Lin)
- SPL (SP Soc, AE= Min Wu, Reviewer= Jiwu Huang)
- SP Magazine (EIC= Shih-Fu Chang, AE= Adriana Dumitras, Min Wu, Jie Chen)
- TIFS (Reviewer= Min Wu, Oscar Au)
- T. Wireless Communication (Comm Soc, AE= Qian Zhang)
- T. Vehicular Technology (Comm. Soc, AE= Qian Zhang)
- JSAC (Comm. Soc., GE= Qian Zhang, Jin Li)
- Systems J. (Advisory board= Wai Chi Fang)
- Fuzzy Systems (AE= Bin Da Liu)
- Biomedical Circuits and Systems (AE= Bin Da Liu)

- Multimedia Magazine, (AE= Yu Hen Hu)
- Boardcasting (AE= Lap-Pui Chau)
- J. of Peer-to-Peer Networking and Applications (Springer, AE: Jacky Shen, Qian Zhang)
- J. VCIR (EIC= Jay Kuo, AE= Ching-Yung Lin, Reviewer=Jacky Shen, Oscar Au)
- EURASIP JASP (AE= C.C. Jay Kuo, Jar-Ferr Yang, Reviewer= Jar-Ferr Yang, Oscar Au) (Special issue: Chia-Wen Lin, Ming-Ting Sun, Anthony Vetro, Alex Kot, YP Tan; Adriana Dumitras)
- ACM Tran. On Multimedia Computing (Reviewer= Jacky Shen)
- J. of Advances in Multimedia (Hindawi, AE= C.C. Jay Kuo, Jack Shen, Qian Zhang) (SI= Jacky Shen)

**Distinguished Lecturer:**

- Pau-Choo (Julia) Chung, (2006-2007)
- Chua-Chin Wang (2008-2009)
- Corey Chang (2008 – 2009)
- Huifang Sun (2008-2009)

**Other IEEE services:**

- CAS BOG:  
Pao-Choo Julia Chung (07-09), Wai Chi Fang (07-09),
- VP Conference:

**Planning of Upcoming Events:**

- ICME 2008, IJHMSP 2009, PCM 2008, APCCAS 2008, ISCAS 2009. ICME 2009, ICME 2010, MMSP 2008
- ICME 2008: Susanto -- 800 papers. 50% accepted – lecture & poster. 92 regular and 22 special sessions.
- PV 2009: Jin Li – 47 papers, 25 accepted. All lecture format.
- PV 2010: Oscar Au (General Chair)

**News from BOG Meeting:**

- Congratulation to Winston Wai-Chi Fang and Pau-Chu Julia Chung for being elected to the CAS BOG (Board of Governor)
- Brief report from Winston and Julia.

**7. Planning of Upcoming Events and Near Future Activities**

- ISCAS 2009, Taiwan, Jhing-Fa Wang, Bin-Da Liu, Jar-Ferr Kevin Yang, Julia Chung
- ICME 2008, Germany, Joern Ostermann and Milind Naphade
- ICME 2009, Cancun, Ching Yung Lin
- ICME 2008, IJHMSP 2009, PCM 2008, APCCAS 2008, ISCAS 2009. ICME 2009, ICME 2010, MMSP 2008
- ICME 2008: Susanto -- 800 papers. 50% accepted – lecture & poster. 92 regular and 22 special sessions.

**8. Award Recognition and Endorsement:**

**IEEE Fellows:**

- Ling Guan,
- Pau-Choo Chung,
- Nam Ling

**Best paper awards:**

- Ling Guan in PCM 2007,
- C.C. Wang in ICCE 2008,
- Qibin Sun in ICME 2007

**Conference endorsement:**

- IJHMSP 2008
- PCM 2008

**9. Adjournment**

The TC meeting was adjourned at 2:00pm.



Prepared by Jar-Ferr Yang

## **2. Activities in TC-Related Conferences (May'08 –April'09):**

The Multimedia Systems and Applications Technical Committee in the IEEE Circuits and Systems Society annually support two major IEEE CAS hosted conferences, the International Symposium on Circuits and Systems (ISCAS) and International Conference on Multimedia and Expos (ICME). The details of activities in supports of ISCAS 2008, ICME 2008, ISCAS 2009, ICME 2009, and many more conferences are enlisted in the following:

### **2.1. ISCAS 2009, Taipei, Taiwan, 24 - 27 May, 2009:**

- Honorary Chair: Bing Sheu
- Program Chair: Jhing-Fa Wang
- Technical Program Chair: Bin-Da Liu
- Special-Session Chair: Pau-Choo Julia Chung,
- Tutorial Chair: Thanos Stouraitis
- Plenary Speakers Chair: Yueh-Min Huang
- Publicity Chairs: Ce-Kuen Shieh, Wai-Chi Fang
- Publication Chair: Chin-Ling Wey
- General Secretary: Jar-Ferr Kevin Yang
- Live Demonstration Session Chair: Gwo Ciun Lee, Shao-Yi Chien

Participations of Multimedia Systems and Applications (MSA) Technical Committee members include:

- MSA Track Chair: Jar-Ferr Kevin Yang
- MSA RCMs:
  - C.-C. Jay Kuo, Oscar Au, Jiwu Huang, Gwo Giun (Chris) Lee, Shao-Yi Chien, Jhing-Fa Wang, Ling Guan, Tsung-Han Tsai, Liang-Gee Chen, Chua-Chin Wang, Jui-Lin Lai, and Wen-Liang Hwang, Mohammad Ibrahim, Mladen Berekovic, Tsung-Han Tsai, Yu Hen Hu, Yen-Kuang Chen, Oscar.T.-C. Chen, Sen-ching Samson Cheung, Anthony TS Ho, Ling Guan, Alexander Loui, Alexander Loui, Xue Ping, Jen-Shiun Chiang, Shipeng Li, Ray Y.M. Huang, Susanto Rahardja, Rongshan Yu, Chia-Wen Lin, Jin Li, Corey Cheng, Cai Jianfei, Howard Leung, Enrico Magli, Akiomi Kunisa.
- Reviewers: Lai-Man Po, Oscar T.-C. Chen, Shao-Yi Chien, C.-C. Jay Kuo, Akiomi Kunisa, Sen-ching Samson Cheung, Gwo Giun (Chris) Lee, Min-Jen Tsai
- Session Chairs: Shao-Yi Chien, C.-C. Jay Kuo, and more.

Participations of other activities and Organization and Technical Committee include:

Nano-Giga Technology Track Chairs: Wai-Chi Fang, Chua-Chin Wang

Circuits and Systems for Communications Track Chair: Lap-Pui Chau

Visual Signal Processing and Communication Track Chair: Anthony Vetro

Life Science System and Application Track Chair: Pau-Choo Chung (Julia)

Session Chairs/Co-Chairs:

Alexander Loui, Tihao Chiang, Bin-Da Liu, Wai-Chi Fang, Oscar C Au, Chua-Chin Wang, Jar-Ferr Yang, Thanos Stouraitis, Shao-Yi Chien, Chia-Wen Lin and many others.

Reviewers:

Tihao Chiang, Gwo Giun Lee, Lai-Man Po, Anthony Vetro, Chua-Chin Wang, Jar-Ferr Yang, Milind R. Naphade, Jacky Shen, Yun Q. Shi, Shao-Yi Chien, Chia-Wen Lin and many others.

Special Session Organizers and Chairs:

Jiwu Huang and Yun-Qing Shi

### **2.2. ICME 2008, Hannover, Germany, June 23 - 26, 2008**

Many MSA TC members participated in the ICME 2008:

- General Chair: Jörn Ostermann
- Technical Program Chair: Milind Naphade
- Steering Committee: Anthony Vetro, Qian Zhang, Oscar Au
- Publication Chair: Oscar C. Au
- Exhibition Chair: Peter Pirsch
- Asian Liaison: Shipeng Li

- Organized special session on “Reconfigurable Video Coding and Processing via Algorithm/Architecture Co-Exploration for New Emerging Digital Environments”: , Gwo Giun (Chris) Lee
- Tutorial Co-chair: Ming-Ting Sun, Oscar C. Au
- TPC member: Alexander Loui, Jacky Shen, Enrico Magli, Min Wu, Chia-Wen Lin and the others.
- Multimedia Systems and Applications Track Chairs: Wan-Chi Fan,
- Reviewer: Anthony Vetro, Tihao Chiang, Pau-Choo (Julia) Chung, Milind R. Naphade, Jacky Shen, Yun Q. Shi, Howard Leung, Shao-Yi Chien, Enrico Magli, and the others.

### **2.3. ISCAS 2008, Seattle, USA, 18 - 23 May, 2008:**

Participations of Multimedia Systems and Applications (MSA) Technical Committee members include:

- MSA Track Chair: Jar-Ferr Kevin Yang
- MSA RCMs:  
Oscar Au, Jiwu Huang, , Gwo Giun (Chris) Lee, Shao-Yi Chien, C.-C. Jay Kuo, Rong –Jian Chen, Sen-ching Samson Cheung, Bryan Pardo, Enrico Magli, Ce Zh, Feng Wu, Alexander Loui, Wei-Yang Lin, Ling Guan, Tsung-Han Tsai, Liang-Gee Chen, Chua-Chin Wang, Jui-Lin Lai, and Wen-Liang Hwang, Anthony Vetro.

Participations of other activities and Organization and Technical Committee include:

Nano-Giga Technology Track Chairs: Wai-Chi Fang, Chua-Chin Wang

Circuits and Systems for Communications Track Chair: Lap-Pui Chau

Visual Signal Processing and Communication Track Chair: Anthony Vetro

Session Chairs/Co-Chairs:

Alexander Loui, Tihao Chiang, Bin-Da Liu, Wai-Chi Fang, Oscar C Au, Chua-Chin Wang. Jar-Ferr Yang, Thanos Stouraitis, Shao-Yi Chien, Yun Q. Shi, Chia-Wen Lin and many others.

Reviewers:

Tihao Chiang, Gwo Giun (Chris) Lee, Lai-Man Po, Anthony Vetro, Chua-Chin Wang, Jar-Ferr Yang, Milind R. Naphade, Jacky Shen, Shao-Yi Chien, and many others.

Special Session Organizers and Chairs:

Sen-Ching Samson Cheung and Shao-Yi Chien,  
Antony Ho and Yun-Qing Shi

Tutorial speaker: Weisi Lin

### **2.4. International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP 08), Aug. 15-17, 2008, Harbin, China**

- Honorary Chair: C. C. Jay Kuo
- Program Committee Member: Ce Zhu
- Advisory Committee Member: Anthony TS Ho

### **2.5. IEEE Asia Pacific Conference on Circuits and Systems (APCCAS 2008), Nov. 30 –Dec, 3, 2008, Macao, China**

- International Steering Committee Chair, Bin-Da Liu
- Life-Science Systems and Applications Track Chair: Pau-Choo Julia Chung
- Blind Signal Processing Track Chair: Pau-Choo Julia Chung
- Multimedia Systems and Applications Track Chair : Oscar Au
- Visual Signal Processing and Communications Track Chair: Lap-Pui Chau
- Keynote Speaker: Nam Ling
- Reviewers: Lai-Man Po
- Session Chairs: Lai-Man Po

### **2.6. Pacific Rim Conference on Multimedia (PCM 2008), Tainan, Taiwan, Dec. 9-13, 2008**

- General Chair: Yeh-Ming Huang
- Program Chairs: Jar-Ferr Kevin Yang, Shipeng Li
- Steering Technical Committee: Ming-Ting Sun
- Program Committee Track Chairs: Oscar Au, Lap-Pui Chau

### **2.7. The International Workshop on Multimedia Signal Processing (MMSP), Cairns, Queensland, Australia, October 8-10, 2008.**

- Technical Program Co-Chairs Ling Guan
- Technical Program Co-Chairs; Jian Zhang

- Special Sessions co-Chairs: Wenjun Zeng
- TPC Member: C.-C. Jay Kuo, Ming-Ting Sun, Min Wu, and others

**2.8. ACM Conference on Image and Video Retrieval, Niagara Falls, July 2008**

- General Co-Chair: Ling Guan
- TPC Member: Alexander Loui

**2.9. IEEE Biomedical Circuits and Systems (BioCAS) 2008, Baltimore, MD, USA, Nov 20-22, 2008.**

- Technical Program Committee: Pau-Choo Chung (Julia),

**2.10. ACM Multimedia, Vancouver, October 2008**

- Special Sessions Chair: Ling Guan

**2.11. IEEE World Congress on Computational Intelligence, Hong Kong, May 2008**

- Publicity Chair: Ling Guan

**2.12. IEEE International Conference on Neural Networks & Signal Processing (ICNNSP 08), June 7-11, 2008, Zhenjiang, China.**

- TPC member, Ce Zhu

**2.13. IEEE Symposium Series on Computational Intelligence, Sheraton Music City Hotel, Nashville, TN, USA, March 30 - April 2, 2009**

- Publicity Co-Chair: Pau-Choo Chung (Julia)

**2.14. IEEE Int. Conf. on Image Processing (ICIP), San Diego, CA, October 2008**

- Special session chair: Sen-ching Samson Cheung
- Reviewer: Alexander Loui, Lai-Man Po, Enrico Magli, Chia-Wen Lin, Wenjun Zeng

**2.15. The 2nd International Conference on Multimedia and Ubiquitous Engineering (MUE), 2008**

- TPC member: Alexander Loui

**2.16. European Computer Vision Conference (ECCV), 2008**

- Member, TPC: Alexander Loui

**2.17. SPIE Conf. on Security, Steganography and Watermarking of Multimedia Contents, 2008.**

- TPC member: Oscar Au, Min Wu

**2.18. IEEE/IET International Conference on Audio, Language and Image Processing (ICALIP), July 2008, Shanghai, China.**

- International TPC Co-Chair: Oscar C. Au

**2.19. European Conference on Circuit Theory and Design (ECCTD), Sevilla, Spain**

- TPC member: Oscar C. Au, Chua-Chin Wang

**2.20. Int. Conf. on Communications, Circuits and Systems, July 2007, Fukuoka, Japan.**

- TPC member: Oscar C. Au

**2.21. The 15th IEEE International Conference on Electronics, Circuits and Systems (ICECS 2008)**

- TPC member: Chua-Chin Wang

**2.22. VLSI Design/CAD Symp, 2008**

- Steering Committee: Chua-Chin Wang

**2.23. The First IEEE International Conference on Ubi-media Computing (U-Media 2008), Lanzhou, China, July 15-16, 2008**

- Reviewer: Howard Leung

**2.24. IEEE 5<sup>th</sup> International Conference on Advanced Video and Signal Based Surveillance (AVSS 2008), Santa Fe, New Mexico, September 1-3, 2008**

- Program Area Chair: Sen-ching Samson Cheung
- Program Committee Member: Ming-Ting Sun

**2.25. International Conference on Signal Processing and Multimedia Applications (SIGMAP 2008), 26-29 July 2008, Porto, Portugal**

- Program Committee Member, Ce Zhu

**2.26. The 2009 IEEE-RIVF International Conference on Computing and Communication Technologies, July, 2009.**

TPC: Pau-Choo Chung (Julia)

**2.27. The Sixth International Conference on Communications, Circuits and Systems (ICCCAS 2008), Xiamen, China.**

- TPC member: Ce Zhu, Chia-Wen Lin

**2.28. IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Apr 2009, Taipei, Taiwan**

- TPC member: Oscar Au

**2.29. IEEE Inter. Symp. on VLSI Design, Automation and Test (VLSI-DAT) 2008**

- TPC member: Chua-Chin Wang

**2.30. Conference on 3D Television (3DTV-CON), May 2009, Potsdam, Germany.**

- TPC member: Oscar Au

**2.31. IASTED International Conference on Signal Processing, Pattern Recognition and Applications (SPPRA 2009), Feb 2009, Innsbruck, Austria.**

- Theme Chair: Chia-Wen Lin
- TPC member: Oscar Au

**2.32. Pacific-Rim Symposium on Image and Video Technology (PSIVT), Jan 2009, Tokyo, Japan.**

- TPC member: Oscar Au

**2.33. The International Joint Conference on e-Business and Telecommunications (ICETE)-Signal Processing and Multimedia Applications, (SIGMAP), Porto, Portugal, July 26-29, 2008**

- TPC Member: C.-C. Jay Kuo

**2.34. The IASTED International Conference on Internet and Multimedia Systems and Applications (IMSA), Kailua-Kona, USA, August 18-20, 2008.**

- TPC Member: C.-C. Jay Kuo

**2.35. EUSIPCO 2008 (European Conference on Signal Processing 2008), Lausanne, Switzerland, August 25-29, 2008.**

- TPC Member: C.-C. Jay Kuo

**2.36 IEEE-NIH Life Science Systems and Application Workshop, NIH Campus, Bethesda, Maryland, USA, April 9 – 10, 2009.**

- Program Co-Chair: Pau-Choo Chung (Julia)

**2.37 The International Workshop on Digital Watermarking (IWDW), Busan, Korea, November 10-12, 2008.**

- Co-Tech Chairs: Hyoungh-Joong Kim and Antony Ho
- TPC Member: C.-C. Jay Kuo

**2.38. The 5th International Conference on Soft Computing as Trans-disciplinary Science and Technology (CSTST) Paris/Cergy Pointoise, France October 26-30, 2008.**

- TPC Member: C.-C. Jay Kuo

**2.39. The first International Workshop on Video Mining (VM08), Pisa, Italy, December 15, 2008.**

- TPC Member: C.-C. Jay Kuo

- 2.40. The Indian Conference on Computer Vision, Graphics & Image Processing (CVGIP), Bhubaneswar, India, December 16-19, 2008.**  
- TPC Member: C.-C. Jay Kuo
- 2.41. The International Conference on Imaging Theory and Applications (IMAGAPP), Lisboa, Portugal, February 5-8, 2009.**  
- TPC Member: C.-C. Jay Kuo, Alexander Loui
- 2.42. The IEEE International Workshop on Genomic Signal Processing and Statistics (GENSIPS), Minneapolis, Minnesota, USA, May 17-21, 2009.**  
- TPC Member: C.-C. Jay Kuo
- 2.43. IEEE International Conference on Consumer Electronics (ICCE 2009), Las Vegas, Nevada, January 10-14, 2009.**  
- TPC member: Nam Ling
- 2.44. IEEE Workshop on Signal Processing Systems (SiPS 2008), Washington, D.C., U.S.A., October 8-10, 2008.**  
- TPC member: Nam Ling, Yen-Kuang Chen
- 2.45. 1<sup>st</sup> International Workshop on Video Coding and Video Processing (VCVP'08), Shenzhen, China, November 26-28, 2008.**  
- General Co-Chair: Nam Ling  
- Keynote Speaker: Nam Ling
- 2.46. 2009 International Conference on IC Design and Technology (ICICDT),**  
- Track Chair & TPC member: Chua-Chin Wang
- 2.47. 2009 World Congress on Computer Science and Information Engineering (CSIE 2009).**  
- TPC member: Chua-Chin Wang
- 2.48. 2009 IEEE ASSCC,**  
- Local Organizing Committee member: Chua-Chin Wang
- 2.49. 2011 International Conference on IC Design and Technology (2011 ICICDT),**  
- Conference Chair-Elect: Chua-Chin Wang
- 2.50. 2012 IEEE ISCAS,**  
- Technical Advisory Committee: Chua-Chin Wang
- 2.51. International Conference on Embedded Software and Systems, 2008.**  
- TPC member: Yen-Kuang Chen
- 2.52. IEEE International Conference on Parallel and Distributed Systems, 2008.**  
- TPC member: Yen-Kuang Chen
- 2.53. International Workshop on High Performance Data Mining, 2008.**  
- TPC member: Yen-Kuang Chen
- 2.54. Workshop on Emerging Applications and Many-core Architecture, 2008.**  
- TPC member: Yen-Kuang Chen
- 2.55. International Workshop on Wireless Technologies for Smart Homes, 2008.**  
- TPC member: Yen-Kuang Chen
- 2.56. International Workshop on "Sensing Web" in conjunction with the 19th International Conference on Pattern Recognition (ICPR2008) Tampa, Florida, USA, December 7, 2008**  
- Technical Program Committee: Sen-ching Samson Cheung

### **3. Activities in On-going or Future Conferences/Workshops (May'08 – future)**

#### **3.1. ICME 2009, ICME New York, USA**

- Program Chair: Ching-Yung Lin
- General Co-Chair: Oscar Au
- Technical Program Vice-Chair: Wenjun Zeng
- International Advisory Board Co Chair: Ming-Ting Sun
- Vice Technical Program Co-Chair: Alexander Loui
- Steering Committee: Anthony Vetro
- Special Session Co-chair: Chia-Wen Lin
- Technical Program Committee: Oscar Au, Jian Zhang, Wu Feng
- Organizing Committee (Demo Session Chair): Akiomi Kunisa
- Workshop Chair: Yen-Kuang Chen
- Multimedia Networking and Communications Track Chair: Jin Li
- Session Chair: Lai-Man Po
- Reviewer: Anthony Vetro, Lai-Man Po, Oscar T.-C. Chen, Shao-Yi Chien, Enrico Magli, Hongxia Jin, Min Wu
- Tutorial speaker: Weisi Lin
- Track Chair: Jianfei Cai

#### **IEEE Workshop on Emerging Multimedia Circuits and Systems Technologies**

General Co-Chair: Oscar Au

#### **IEEE workshop on Multimedia Security and Content Protection**

Program co-chair: Hongxia Jin

#### **IEEE Workshop on Media Information Analysis for Personal and Social Applications**

General Chair: Alexander Loui

#### **3.2. IEEE Int. Conf. on Image Processing (ICIP), Kairo, Egypt, October 2009**

- Registration Chair: Nam Ling
- Technical Program Committee: Oscar Au, Nam Ling
- Reviewer: Lai-Man Po, Sen-ching Samson Cheung, Chia-Wen Lin, Yen-Kuang Chen, Alexander Loui

#### **3.3. IEEE Int. Conf. on Communications (ICC'09), Dresden, Germany, June 2009**

- Paper Review Committee Member: Min-Jen Tsai
- Session Chair: Min-Jen Tsai

#### **3.4. Int. Sym. on Pervasive Systems, Algorithms and Networks (I-SPAN), Dec. 2009, Taiwan**

- Technical Program Committee: Oscar Au, Yen-Kuang Chen

#### **3.5. IEEE Int. Workshop on Multimedia Signal Processing (MMSp), Rio de Janeiro, Brazil, Oct 2009**

- Publication Chair: Jin Li
- Technical Program Committee: Oscar Au, C.-C. Jay Kuo, Chia-Wen Lin, Yen-Kuang Chen, Wenjun Zeng, Min Wu, and others

#### **3.6. Int. Conf. on Signal Processing and Multimedia Application (SIGMAP), Barcelona, Spain, July 2009**

- Technical Program Committee: Oscar Au

#### **3.7. IASTED International Conference on Signal and Image Processing (SIP 2009), , Honolulu, Hawaii, USA, Aug. 2009**

- Technical Program Committee: Oscar Au

#### **3.8. IEEE Workshop on Signal Processing Systems 2009 (SiPS), Oct 2009, Tampere, Finland.**

- Technical Program Committee: Oscar Au, Yen-Kuang Chen

- 3.9. Asia-Pacific Signal and Information Processing Association (APSIPA), Sapporo, Japan, Oct. 5-7, 2009**
- Technical Track Chair: Oscar Au
  - TPC Member: C.-C. Jay Kuo, Chia-Wen Lin
- 3.10 ACM International Conference on Multimedia (ACM Multimedia), Oct. 2009, Beijing, China**
- Demonstration Co-Chairman: Oscar Au, Min Wu, Mark Liao
- 3.11. Packet Video Workshop (PV), May 2009, Seattle, USA.**
- General Chair: Jin Li
  - Steering Committee: Ming-Ting Sun
  - Demonstration Co-Chairman: Oscar Au
  - Technical Program Committee: Chia-Wen Lin
  - PC member: Jianfei Cai
- 3.12. 7th International Conference on Computer, Communications, Circuits and Systems. (July 23-25, 2009, San Jose, CA, USA)**
- TPC Co-Chair: Bin-Da Liu
- 3.13. IEEE International Conference on Systems, Man, and Cybernetics. (October 11-14, 2009, San Antonio, TX, USA)**
- TPC Member: Bin-Da Liu
- 3.14. First Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics (PrimeAsia2009). (November 18-20, 2009, Shanghai, China)**
- International Advisor: Bin-Da Liu
- 3.15. The first IEEE Workshop on Media Information Analysis for Personal and Social Applications (WMAPS), New York, July 3, 2009.**
- General Chair: Alexander Loui
  - TPC Member: C.-C. Jay Kuo
- 3.16. The International Conference on Signal Processing and Multimedia Applications (SIGMAP), Milan, Italy, July 7-10, 2009.**
- TPC Member: C.-C. Jay Kuo
- 3.17. The Conference on Applications of Digital Image Processing XXXII, Part of the SPIE International Symposium on Optical Engineering and Applications, San Diego, CA., USA, 2-6 August, 2009.**
- TPC Member: C.-C. Jay Kuo
- 3.18. The IASTED International Conference on Internet and Multimedia Systems and Applications (IMSA), Honolulu, Hawaii, USA, Aug. 17-19, 2009.**
- TPC Member: C.-C. Jay Kuo
- 3.19. The European Signal Processing Conference (EUSIPCO), Glasgow, Scotland, Aug. 24-28, 2009.**
- TPC Member: C.-C. Jay Kuo
- 3.20. The 8th International Workshop on Digital Watermarking (IWDW09), Surrey, United Kingdom, Aug. 24-26, 2009.**
- TPC Member: C.-C. Jay Kuo
- 3.21 ACM 9<sup>th</sup> Digital Rights Management workshop, Chicago, USA, Nov, 2009**
- Program Chair: Hongxia Jin
  - TPC: Min Wu
- 3.22. International Workshop on Digital Watermarking, Guilford, UK, August 24-26, 2008**
- General chair: Antony Ho
  - Co-Tech chairs: Yun-Qing Shi and Hyoung-Joong Kim

- 3.23. The ACM Conference on Management of Emergent Digital Ecosystems (MEDES), Lyon, France, Oct. 27-30, 2009.**  
 - TPC Member: C.-C. Jay Kuo
- 3.24. The IEEE International Workshop on Information Forensics and Security (WIFS), London, December 6-9, 2009.**  
 - TPC Member: C.-C. Jay Kuo, Min Wu, Qibin Sun
- 3.25. International Conference on Intelligent Information Hiding and Multimedia Signal Processing (IIHMSP 09)**  
 - Advisory Committee member: Ming-Ting Sun
- 3.26. IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR 2009), Miami Beach, Florida, June 20-25, 2009**  
 - Reviewer: Sen-ching Samson Cheung
- 3.27. IEEE 6<sup>th</sup> International Conference on Advanced Video and Signal Based Surveillance (AVSS 2009), Genova, Italy, September 2-4, 2009**  
 - Technical Program Committee: Sen-ching Samson Cheung
- 3.28. Int. Conf. on Packet Video (PV), 13-14 Dec. 2010, Hong Kong, China.**  
 - General Chair: Oscar Au
- 3.29. IEEE Int. Conf. on Image Processing (ICIP), Hong Kong, China, 2010**  
 - Special Session Chair,: Oscar Au  
 - Registration Chair: Lai-Man Po

## **4. Activities in Editorial Services:**

### **4.1. IEEE Trans. on Multimedia**

- Steering Committee: Anthony Vetro, Yu Hen Hu, Jar-Ferr Yang
- Associate Editor: Ling Guan, Pascal Frossard, Qian Zhang, Ching-Yung Lin, Lap-Pui Chau, Yen-Kuang Chen, Susanto Rahardja, Wenjun Zeng
- Special Issue on “Quality-Driven Cross-Layer Design for Multimedia Communications”, 2008, Guest Editor: Qian Zhang
- Reviewer: Anthony Vetro, Jacky Guobin Shen, Jiwu Huang, Gwo Giun Lee, Jacky Shen, Howard Leung, Oscar C. Au, Lai-Man Po, Enrico Magli, Shao-Yi Chien, Sen-ching Samson Cheung, Weisi Lin, Chia-Wen Lin, Hongxia Jin and many others.

### **4.2. IEEE Trans. on Circuits and Systems for Video Technology:**

- Editor-in-Chief: Chang Wen Chen
- Associate Editor: Ling Guan, Oscar C. Au, Pascal Frossard, Jar-Ferr Yang, Qibin Sun, Jian Zhang, Kuo-Hu Tzou, Huifang Sun, Shipeng Li, Shao-Yi Chien, Chia-Wen Lin, Yen-Kuang Chen, Jianfei Cai
- Special issue on “Algorithm/Architecture Co-Exploration of Visual Computing”, Nov. 2009: Yen-Kuang Chen, , Gwo Giun (Chris) Lee
- IEEE T-CSVT SI on Video Surveillance, August 2008 (Guest Editors: Ishfaq Ahmad, Zhihai He, Hong-Yuan Mark Liao, Fernando Pereira, Ming-Ting Sun)
- Reviewer: Anthony Vetro, Alexander Loui, Lai-Man Po, Qibin Sun, Jar-Ferr Kevin Yang, Oscar C. Au, Jiwu Huang, Jacky Guobin Shen, Enrico Magli, Wen-Liang Hwang, Howard Leung, Min Wu, Shao-Yi Chien, Sen-ching Samson Cheung, Jian Zhang, Oscar T.-C. Chen, Shao-Yi Chien, Weisi Lin, Chia-Wen Lin.

### **4.3. IEEE Transactions on Circuits and Systems-I**

- Reviewer: Gwo Giun Lee, Chua-Chin Wang, Oscar C. Au

### **4.4. IEEE Transactions on Circuits and Systems-II:**



- Associate Editor: Thanos Stouraitis
- Reviewer: Jiwu Huang, Alexander Loui, Chua-Chin Wang, Oscar C. Au, Shao-Yi Chien

#### **4.5. IEEE Transactions on Very Large Scale Integration (VLSI) Systems:**

- Editor-in-Chief: Enrico Magli
- Associate Editor: Bin-Da Liu
- Reviewer: Chua-Chin Wang, Oscar T.-C. Chen

#### **4.6. Proceedings of IEEE**

- Editor of Editorial Board: Bing Sheu
- Reviewer: Qibin Sun, Oscar C. Au

#### **4.7. IEEE Trans. on Image Processing**

- Associate Editor: Oscar C. Au, Mark Liao, Min Wu
- Reviewer: Anthony Vetro, Alexander Loui, Lai-Man Po, Jacky Guobin Shen, Oscar C. Au, Enrico Magli, Wen-Liang Hwang, Sen-ching Samson Cheung, Weisi Lin, Chia-Wen Lin, Jianfei Cai

#### **4.8. IEEE Interactive Magazine, Communication Society**

- Editor: Ching-Yung Lin

#### **4.9. EURASIP Journal of Applied Signal Processing:**

- Associate Editor: C.-C. Jay Kuo, Jar-Ferr Kevin Yang,
- Reviewer: , Gwo Giun (Chris) Lee, Jar-Ferr Kevin Yang, Oscar C. Au

#### **4.10. EURASIP Journal on Applied Signal Processing Special Issue on Video Adaptation for Heterogeneous Environments, 2007.**

- Co-Guest Editor: Chia-Wen Lin, Ming-Ting Sun, Anthony Vetro, A Kot, YP Tan

#### **4.11. IEEE Signal Processing Letters**

- Associate Editor: Lap-Pui Chau, Alexander Loui
- Reviewer: Jiwu Huang, Min-Jen Tsai, Oscar C. Au, Weisi Lin, Jin Li

#### **4.12. IEEE Transactions on Information Forensics and Security**

- Associate Editor: Wenjun Zeng, Min Wu, Mark Liao
- Reviewer: Min Wu, Oscar C. Au, Enrico Magli, Jiwu Huang

#### **4.13. ACM Transactions on Multimedia Computing, Communication and Application**

- Reviewer: Jacky Shen, Hongxia Jin

#### **4.14. Journal of Advances in Multimedia (Hindawi)**

- Editorial Board Member: C.-C. Jay Kuo
- Associate Editor: Jacky Shen, Qian Zhang
- Editor of Special Issue: Multimedia Networking: Jacky Shen
- Editor of Special Issue: Next-generation P2P Services: Jacky Shen

#### **4.15. Journal of Peer-to-Peer Networking and Applications (Springer)**

- Associate Editor: Jacky Shen, Qian Zhang

#### **4.16. Journal of Visual Communication and Image Representation**

- Editor-in-Chief: C.-C. Jay Kuo
- Editorial Board: Ching-Yung Lin, Chia-Wen Lin, Weisi Lin, Jin Li
- Reviewer: Jacky Guobin Shen, Oscar C. Au, Enrico Magli, Min-Jen Tsai, Weisi Lin, Chia-Wen Lin
- Special Issue on "Resource-Aware Video Streaming", organized by C.-W. Lin, E. Magli, P. Frossard, and D. Turaga, published in 2008.
- Special Issue on Network Technologies for Emerging Broadband Multimedia Services, organized by Hwangjun Song, Jianfei Cai, Dapeng Wu, Marco Rocchetti, Shivkumar Kalyanraman

#### **4.17. Multidimensional Systems and Signal Processing, Springer**

- Associate Editor: Yun-Qing Shi

- 4.18. International Journal of Image and Graphics**  
- Editorial Board member: Yun-Qing Shi
- 4.19. IET Signal Processing**  
- Editorial Board Member: Jar-Ferr Kevin Yang
- 4.20. Journal of Information Science and Engineering**  
- Editor: C.-C. Jay Kuo, Pau-Choo (Julia) Chung, Oscar C. Au  
- Special issue, "Digital Life Technology", Journal of Information Science and Engineering  
Editor: Pau-Choo Chung (Julia)
- 4.21. Signal Processing: Image Communication**  
- Reviewer: Lai-Man Po, Jar-Ferr Kevin Yang, Oscar C. Au, Chia-Wen Lin
- 4.22. IEEE Transactions on Information Theory**  
- Reviewer: Wen-Liang Hwang
- 4.23. Journal of the Chinese Institute of Engineers**  
- Reviewer: Jar-Ferr Kevin Yang, Gwo Giun (Chris) Lee
- 4.24. Journal of the Chinese Institute of Electrical Engineering**  
- Reviewer: Jar-Ferr Kevin Yang
- 4.25. EURASIP Journal on Applied Signal Processing, Special Issue on "Visual Sensor Network"**  
- Guest Editor: Ching-Yung Lin
- 4.26. IEEE Transactions on Wireless Communications**  
Associate Editor: Qian Zhang
- 4.27. Elsevier Computer Communications**  
Associate Editor: Qian Zhang
- 4.28. Elsevier Computer Networks**  
Associate Editor: Qian Zhang
- 4.29. IEEE Transactions on Vehicular Technology**  
Associate Editor: Qian Zhang
- 4.30. Journal of Signal Processing Systems**  
- Associate Editor: Tsuhan Chen, Ling Guan, Yun He, Wan-Chi Siu, Ming-Ting Sun, Y.Q. Zhang  
- Editorial Board Member: Oscar Au, Yen-Kuang Chen  
- Special issue on "Multicore Enabled Multimedia Applications and Architecture," Yen-Kuang Chen  
- Guest Editor: Lap-Pui Chau, Qian Zhang, Shao-Yi Chien, and Tsung-Han Tsai  
- Reviewer: Gwo Giun (Chris) Lee
- 4.31. IEEE Communications Magazine, Feature Topic on Advances in Wireless VoIP, 2007.**  
Guest Editor: Qian Zhang
- 4.32. Elsevier Computer Networks, Special Issue on Wireless Multimedia Sensor Networks, 2007.**  
Guest Editor: Qian Zhang
- 4.33. ACM/Springer Journal of Mobile Networks and Applications (MONET), Special Issue on Wireless Mesh Networks, 2007.**  
Guest Editor: Qian Zhang
- 4.34. IEEE Wireless Communication Magazine, Special Issue on Wireless Sensor Networking, 2006-2007.**  
Guest Editor: Qian Zhang
- 4.35. Journal of Advances in Multimedia, Special issue on Collaboration and Optimization for Multimedia Communications, 2007.**

Guest Editor: Qian Zhang

**4.36. Journal of Circuits, Systems, and Computers.**

Region Editor – Europe: Thanos Stouraitis

**4.37. IEEE Signal Processing Magazine**

- Area Editors: Adriana Dumitras (Columns and Forums), Min Wu (e-Newsletter)
- Member of Editorial Board: Ling Guan, Adriana Dumitras, Anthony Vetro
- Special issue “Signal Processing on Platforms with Multiple Cores,” Yen-Kuang Chen
- Special issue “Digital Forensics,” Min Wu (co-editor)

**4.38. Security and Communication Networks**

- Editor: C.-C. Jay Kuo

**4.39. Journal of Advances of Multimedia**

- Editor: C.-C. Jay Kuo

**4.40. Springer LNCS Transactions on Data Hiding and Multimedia Security**

- Founding Editor-in-Chief: Yun Q. Shi
- Editor: C.-C. Jay Kuo, Hyoung Joong Kim, Heung Kyu Lee, Jiwu Huang, J. S. Pan

**4.41. EURASIP Journal on Advances in Signal Processing**

- Editor: C.-C. Jay Kuo, Jar-Ferr Yang
- Reviewers: Alexander Loui, Chia-Wen Lin
- Guest Editor for the special issue on wireless video: Jianfei Cai

**4.42. IEEE Systems Journal**

- Member of Advisory Board: Wai-Chi Fang

**4.43. IEEE Transactions on Fuzzy Systems:**

- Associate Editor, Bin-Da Liu

**4.44. IEEE Transactions on Biomedical Circuits and Systems**

- Associate Editor, Bin-Da Liu, Jie Chen

**4.45. IEEE Multimedia Magazine**

- Member of editorial board, Yu Hen Hu, Qibin Sun, Wenjun Zeng

**4.46. Journal of Wavelet Theory and Applications**

- Associate Editor: Wen-Liang Hwang

**4.47. International Journal of Wavelets, Multiresolution and Information Processing.**

- Associate Editor: Wen-Liang Hwang

**4.48. EURASIP Journal of Embedded System,**

- Reviewer: Gwo Giun (Chris) Lee

**4.49. IEEE Trans. on Broadcasting**

- Associate Editor: Lap-Pui Chau
- Reviewer: Jiwu Huang

**4.50. SPIE Journal of Electronic Imaging ,**

- Associate Editor, Ling Guan, Alexander Loui

**4.51. EURASIP Journal on Image and Video Processing,**

- Associate Editor: Jian Zhang, Ling Guan
- Reviewer: Jian Zhang, Jar-Ferr Yang
- Special Issue on Multimedia
- Guest Editor, Ling Guan, Milind R. Naphade

- 4.52. Intelligent Multimedia Hiding and Processing, Feb. 2006, Springer-Verlag.**  
- Co-Editor: Wai-Chi Fang
- 4.53. IEEE Trans on Mobile Computing,**  
- Reviewer: Jacky Shen
- 4.54. IEEE Trans on Knowledge and Data Engineering**  
- Reviewer: Howard Leung, Jacky Shen
- 4.55. IEEE Wireless Communications Magazine**  
- Reviewer: Jacky Shen
- 4.56. IEEE Communications Magazine**  
- Reviewer: Jacky Shen
- 4.57. Journal of Advances in Multimedia**  
- Reviewer: Jacky Shen
- 4.58. Communications and Applications**  
- Reviewer: Jacky Shen
- 4.59. IEEE Computational Intelligence Magazine**  
- Associate Editor: Ling Guan
- 4.60. SPIE Journal of Electronic Imaging**  
- Associate Editor: Ling Guan
- 4.61. Research Letters in Signal Processing**  
- Associate Editor: Ling Guan, Jar-Ferr Yang  
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- 4.62. IEEE Transactions on Audio, Speech and Language Processing**  
- Associate Editor: Susanto Rahardja
- 4.63. Multidimensional Systems and Signal Processing**  
- Associate Editor: Yun Q. Shi
- 4.64. EURASIP Journal on Information Security**  
- Associate Editor: Enrico Magli, Qibin Sun, Sen-ching Samson Cheung  
- Guest Editor for Special Issue "The Interplay between Compression and Security for Image and Video Communication and Adaptation over Networks", Enrico Magli, Qibin Sun  
- Guest Editor for Special Issue on "Privacy Protection for Multimedia Systems": Sen-ching Samson Cheung
- 4.65. Journal of High Speed Networks**  
- Associate Editor: Pau-Choo (Julia) Chung
- 4.66. Microelectronics Journal**  
- Reviewer: Chua-Chin Wang,
- 4.67. International J. of VLSI Design,**  
- Associate Editor: Chua-Chin Wang,
- 4.68. Optical Engineering**  
- Reviewer: Oscar C. Au
- 4.69. IEEE Communications Letters**  
- Reviewer: Oscar C. Au, Min Wu
- 4.70. Journal on Circuits, Systems and Signal Processing**  
- Reviewer: Oscar C. Au

- 4.71. Journal on Hong Kong Institute of Engineers**  
- Reviewer: Oscar C. Au
- 4.72. Journal of Electronic Imaging**  
- Reviewer: Oscar C. Au
- 4.73. Signal Processing**  
- Reviewer: Oscar C. Au
- 4.74. Journal of Multimedia**  
- Editorial Board member: Oscar C. Au
- 4.75. NCTU Press, Pursuit of 21st Century Golden Key: Nurturing Young Generation to Grasp Opportunities:**  
- Editor: Bing Sheu
- 4.76. Journal of the Franklin Institute**  
- Editorial Board member: Oscar Au  
- Reviewer: Oscar C. Au
- 4.77. IEEE Transactions on Systems, Man, and Cybernetics--Part B**  
- Reviewer: Min-Jen Tsai
- 4.78. Elsevier Journal of Visual Image Communication & Representation**  
- Associate Editor: Susanto Rahardja
- 4.79. IEEE Trans. on Dependable and Secure Computing**  
- Reviewer: Oscar Au
- 4.80. IEEE Trans. on Aerospace and Electronic Systems**  
- Reviewer: Oscar Au
- 4.81. IEEE Trans. on Geoscience and Remote Sensing**  
- Reviewer: Oscar Au
- 4.82. Computer Standards & Interfaces, Elsevier**  
- Reviewer: Oscar T.-C. Chen
- 4.83. Journal of Electrical and Computer Engineering**  
- Editor: C.-C. Jay Kuo, Bin-Da Liu
- 4.84. IEEE Circuits & Systems Magazine**  
- Associate Editor: Bin-Da Liu
- 4.85. IEEE Transactions on Biomedical Circuits and Systems**  
- Associate Editor: Bin-Da Liu
- 4.86. Machine Vision and Applications Journal (Springer)**  
- Reviewer: Sen-ching Samson Cheung
- 4.87. International Journal of Approximate Reasoning (Elsevier)**  
- Reviewer: Sen-ching Samson Cheung
- 4.88. Pattern Recognition (Elsevier)**  
- Reviewer: Sen-ching Samson Cheung
- 4.89. Image and Vision Computing (Elsevier)**  
- Reviewer: Sen-ching Samson Cheung

**4.90. IEICE Trans. on Electronics,**

- Associate Editor: Chua-Chin Wang,

**4.91. Inter. J. of Electrical Engineering**

- Guest Editor & Associate Editor: Chua-Chin Wang,

**4.92. IEE Proc. Vision, Image & Signal Processing**

- Reviewer: Oscar C. Au

**4.93. Imaging Science Journal**

- Reviewer: Oscar C. Au

**5. IEEE Distinguished Lecturer:**

- IEEE Circuits and Systems Society: Nam Ling (2007-2008)
- IEEE Circuits and System Society: Chua-Chin Wang (2008-2009)
- IEEE Circuits and System Society: Corey Chang (2008-2009)
- IEEE Circuits and System Society: Huifang Sun (2008-2009)
- IEEE Circuits and System Society: Oscar Au (2009-2010)

**6. IEEE Services:**

- 6.1. Members, Board of Governor of CAS Society:  
Pao-Chuo Chung (2007 - 2009), Wai-Chi Fang (2007 - 2009), Chin-Teng Lin (2006-2008),  
Thanos Stouraitis
- 6.2. CASS VP Conferences, 2008-9: Thanos Stouraitis
- 6.3. Chair of the CASS Long Term Strategy Committee, 2006-7: Thanos Stouraitis
- 6.4. Member, Steering Committee for ICME, CAS Society: Ling Guan
- 6.5. Chair, Technical Committee on Multimedia Signal Processing, IEEE Signal Processing Society: Anthony Vetro
- 6.6. Member, IEEE Systems Council AdCom: Wai Chi Fang
- 6.7. Chairman, Liaison and Transnational Committee, IEEE Systems Council: Wai Chi Fang
- 6.8. Secretary, IEEE Hong Kong Section, Signal Processing Chapter: Lai Man Po
- 6.9. Chair, IEEE Washington DC Section, Signal Processing Chapter: Min Wu
- 6.10. Treasurer, IEEE Tainan Section (2003 – 2009): Jar-Ferr Kevin Yang
- 6.11. Vice Chair, IEEE Rochester Section, 2009, Alexander Loui,
- 6.12. Member of Steering Committee, IEEE Asian Pacific Conference on Circuits and Systems (May 2005-  
May 2008): Pau-Choo (Julia) Chung
- 6.13. Chairman, Steering Committee for ICME, CAS Society: Pascal Frossard, Ching-Yung Lin, Oscar C. Au
- 6.14. Member, Steering Committee for IEEE Trans. on Multimedia, CAS Society: Yu Hen Hu, Oscar C. Au,  
Jar-Ferr Kevin Yang
- 6.15. Chairman, Technical Committee on Nanoelectronics & Gigascale Systems, CAS Society: Wai-Chi Fang
- 6.16. Chairman, Technical Committee of Multimedia Applications and Systems Technical committee, IEEE  
CAS Society: Jar-Ferr Yang
- 6.17. Vice-Chair and Aware Sub-Committee Chair, Technical Committee of Multimedia Communication, IEEE  
Communications Society: Qian Zhang.
- 6.18. Chairman, Technical Committee on Neural Systems and Applications, IEEE CAS: Chin-Teng Lin
- 6.19. IEEE SP, CES Taipei Chapter Chairman: Tihao Chiang
- 6.20. IEEE Tainan CAS Chapter Chair: Chua-Chin Wang (2007-2008)

- 6.21. Tainan Section (2006-2007) , Advisor, CAS Student Chapter: Pau-Choo (Julia) Chun
- 6.22. Secretary, Technical Committee on Circuits & Systems for Communications, IEEE Circuits and Systems Society (since 2006): Lap-Pui Chau
- 6.23. Secretary, IEEE Singapore Circuits and Systems Chapter (since 2007): Lap-Pui Chau
- 6.24. Co-Organizer: Bing Sheu, "IEEE Fellows promotion: Strategy and Practice", National Chiao Tung University, Jan. 2009.
- 6.25. Bing Sheu, Keynote Speech "How to contribute further at professional societies such as IEEE?", at Annual Meeting of Tainan Section, Taiwan, Dec. 2008.
- 6.26. Bing Sheu, Invited Talk "Talents Nurturing at 21st Century to Enhance Global Competitiveness," National Chiao Tung University, Feb. 2009.
- 6.27. IEEE CASS Tainan Chapter Chair (2007~2008): Chua-Chin Wang
- 6.28. IEEE SSCS Tainan Chapter Chair (2007~2008): Chua-Chin Wang
- 6.29. IEEE NSYSU Student Branch Consult Professor (2007~2010): Chua-Chin Wang
- 6.30. IEEE CAS Nanoelectronics & Gigascale Systems TC Chair (2008~2009): Chua-Chin Wang
- 6.31. Keynote Speaker, "Pervasive Care and Video Analysis", in 2008 International Computer Symposium, Taipei, Taiwan, Nov. 13-15, 2008: Pau-Choo Chung (Julia).
- 6.32. Panelist on "Computational Intelligence in Bioinformatics and Bioengineering", in World Congress on Computational Intelligence (WCCI), Hong Kong, 2008: Pau-Choo Chung (Julia).
- 6.33. BoG, Chinese Image Processing and Pattern Recognition Association: Pau-Choo Chung (Julia).
- 6.34. BoG, Medical Image Standard Association at Taiwan: Pau-Choo Chung (Julia)
- 6.35. Invited speaker, "Systematic Study of Enhanced Cytotoxicity Effects of Gold-based Nanoparticles in Targeted Cancer Radiotherapy", IEEE/NIH Life Science Systems and Application Workshop 2009, April 9, 2009, Bethesda, Maryland, USA: Jie Chen

## **7. Award and Recognition**

- 7.1. Wen Gao, IEEE Fellow for contributions to object-based video representation and scalable video coding technologies and standards
- 7.2. Xiaou Tang, IEEE Fellow for contributions to pattern recognition and video processing
- 7.3. Best Student Paper Award: APCCAS 2008, paper title: Asynchronous Fixed-Coefficient FIR Filter on Flexible a-Si TFT Technology, by Jiun-Ying Bai, Han-Ru Chen, and Shao-Yi Chien
- 7.4. Best Paper Award: 2008 IEEE Inter. Conf. on Consumer Electronics (ICCE 2008), paper title : A transceiver design for ECU nodes in FlexRay-based automotive communication systems, by Chua-Chin Wang, Gang-Neng Sung, and Po-Cheng Chen
- 7.5. Best Student Paper Award, Zhi Li, Xinglei Zhu, Yong Lian and Qibin Sun, Constructing secure content-dependent watermarking scheme using homomorphic encryption, ICME2007.
- 7.6. Paper Award, Bin-Da Liu, 2008 Conference on Innovative Applications of Systems Prototyping and Circuit Design, Taichung, Taiwan
- 7.7. Best IC Design Award, Chua-Chin Wang: CIC of NSC, Taiwan, project : "C-less and R-less ASK demodulator for wireless implantable devices," Analog Design Category
- 7.8. Founding President, Chua-Chin Wang: Taiwan Institute of Electrical and Engineering (TIEEE), (2008~2010)
- 7.9. Director Board Member, , Chua-Chin Wang: IEEE Tainan Section (2008~2009)

**Submitted by MSA TC on 1 June, 2009**

Prepared by Professor Jar-Ferr Kevin Yang with the inputs from MSA TC members