

8th issue, 26 September 2017

Contents

Section activities: 1

Chairman’s report..... 1

1. IEEE POCO 2017 (POCO2017) 1

2. Section Finance Problems 2

3. HK Section Documents and Website problems 2

4. Voter registration in the ITFC 2017 2

Chapter activities: 2

ED/SSC Chapter: 2

The details of 2017 IEEE ED/SSC on 9th September 2017 (Saturday)..... 3

Electronics Packaging Society (EPS) Chapter 3

Details of EPS Seminar on 3 October 2017 (Tuesday) 3

Details of EPS Seminar on 14 August 2017 (Monday) 4

EPS Technical Visit to Electronic Packaging Laboratory and Jockey Club Controlled Environment Test Facility..... 4

Details of EPS Visit on 10 March 2017 (Monday) ... 4

Technology and Engineering Management (TEM) Chapter 5

Details of TEM Seminar 22 on Sept 2017 (Wednesday) postponed from 22 Aug due to Typhoon 5

Newly-elected 2017 Chapters’ Officers 5

Antennas and Propagation / Microwave Theory and Techniques Joint Chapter 5

Computational Intelligence Chapter..... 5

Computer Society Chapter 5

Technology Management Chapter/Technology and Engineering Management Society Chapter 5

Electron Devices and Solid-State Circuits Chapter... 5

Engineering in Medicine and Biology Chapter 5

Electromagnetic Compatibility Chapter..... 6

Photonics Society Chapter 6

Robotics and Automation/Control Systems Joint Chapter..... 6

Signal Processing Chapter..... 6

Systems, Man and Cybernetics Society Chapter 6

Education Society Chapter 6

Industry Electronics / Power & Energy / Industry Applications / Power Electronics Joint Chapter 6

2017 Affinity Groups’ Officers 6

Young Professional (YP) 6

Women in Engineering (WIE) 7

Section activities:

Chairman’s report

1. IEEE POCO 2017 (POCO2017)

- The IEEE Panel of Conference Organizers (POCO) is the annual event for leading scholarly conference organizers around the world. This year, the 2017 IEEE Panel of Conference Organizers (POCO) was held from 8 to 10 August at Hyatt Regency Sydney, Sydney, Australia. All section chairs and active chapter chairs were invited to attend.
- Sections Congress is a triennial gathering of IEEE grassroots leadership to 1) network with other Section leaders, 2) attend training programs and 3) develop recommendations to guide the future of IEEE. This year, the IEEE Member and Geographic Activities (MGA) Board was partnered with Region 10 in hosting IEEE Sections Congress 2017 (SC2017) in Sydney, Australia, at the International Convention Centre, from 11 to 13 August 2017.
- Unfortunately, Hong Kong (HK) Section was unable to support any representative to these events as HK Section still has not recovered control of the Section bank accounts. All these because Mr YW Liu, the resigned interim Section Treasurer 2016, still has not handed over the Section Finance to HK Section.
- POCO attendees were reminded that papers presented in a conference sponsored by any IEEE units could be excluded for publications in IEEE Explore for reasons of scope and quality issues. Chapters should keep this in mind. Chapter must observe due diligence to protect billion-dollar

brand of IEEE when financially and/or technically sponsoring a conference.

2. Section Finance Problems

- As of today, HK Section still has not recovered control of the Section bank accounts, and so still cannot make payments to operate Section activities and reimburse claims to chapters which have all their money in the Section's centralized account. HK Section is working on this.
- Mr YW Liu still has not disclosed the authorized signatories of the Section's Bank accounts. HK Section still does not know who the authorized signatory persons of the Section's bank accounts are. HK Section does not know if the money are still in those bank accounts.
- Mr YW Liu is still refusing to handover any reimbursement claim forms, claimed receipts or ledgers, and bank statements to HK Section, so it is impossible to do any audit.

3. HK Section Documents and Website problems

- Mr Edward YH Cheung, self-proclaimed as holding a post of External Liaison Coordinator in the 2016 HK Section Executive Committee (ExCom), is still refusing to handover the Website domain name back to HK Section.

4. Voter registration in the ITFC 2017

- The Registration and Electoral Office (REO) of HKSAR is reviewing the eligibility of the Chapter's members of (a) the Joint Chapter on Circuits and Systems/Communications (CAS/COM) (b) Computer Chapter as ITFC electors/voters.
- Chapters have direct access to their own membership information in the USA database requested by REO for voters registration reviews.
- It should be noted that when forming a special IEEE interest group/chapter, each chapter must obtain its own charter directly from the IEEE headquarters of USA. Each chapter has full autonomy to handle special interests for its own chapter members. All chapter chairs have direct access to their own chapters' membership information in the USA database.
- Computer Chapter has done a good job in taking care of its members' registration with REO.
- The CAS/COM Joint Chapter has not updated its status about whether they have held the AGM2016 or they have any officer nominations of 2017. It is

noted that Mr YW has been heavily involved in the CAS/COM Chapter. According to the USA record, the CAS/COM Joint Chapter was inactive in 2016. Members of the CAS/COM chapter should avoid the chapter being dissolved IEEE by headquarters.

- **It should also be noted that, as IEEE USA and IEEE HK Section are always politically neutral, chapter chairs should be responsible to communicate with REO for political interests of their own chapters.**

Chapter activities:

ED/SSC Chapter:

2017 IEEE ED/SSC PhD Thesis Presentation Competition was organized by the IEEE ED/SSC Hong Kong Chapter, in the Hong Kong Polytechnic University on 9th September 2017. This event was designed for the PhD students who will graduate in 2017 in the field of electron devices and solid-state circuits. The participants were from different universities in Hong Kong. The candidates exhibit their research findings through the presentations. The students' feedback for this event was positive as they can share their research interests with the peers and exchange ideas through the discussion afterwards. They also regarded this competition as a good practice for their coming PhD oral defense. Two winners from this competition, Miss Jieqiong Zhang (Topic: Investigation on Lanthanum Oxide (La₂O₃) as Gate Dielectric for Next-Generation CMOS Devices) and Miss Feichi Zhou (Topic: Optically-controlled Multifunctional Organic-inorganic Perovskite Based Electronic Devices) have delivered their significant results and demonstrated their excellent presentation skills to the audiences. Their performance have achieved high praise from the competition committee and should be learned by other research students.



Participants of PhD Thesis Presentation Competition



Dr. Yang Chai, chair of IEEE/EDSSC Chapter (Left),
Miss Jieqiong Zhang, winner of the competition (Right)



Dr. Yang Chai, chair of IEEE/EDSSC Chapter (Left),
Miss Feichi Zhou, winner of the competition (Right)

The details of 2017 IEEE ED/SSC on 9th September 2017 (Saturday)

Title	PhD Thesis Presentation Competition
Date	9 th September 2017 (Saturday)
Time	2:00 PM to 5:15 PM
Venue	The Hong Kong Polytechnic University, Hung Hom, Kowloon
url	www.ieee.org.hk
Organizer	Region 10 & The Hong Kong Polytechnic University

Electronics Packaging Society (EPS) Chapter

Details of EPS Seminar on 3 October 2017 (Tuesday)

Title:	<i>Technical Seminar on Heterogeneous Integration:</i>
Date	3 October 2017 (Tuesday)
Time	3:00-4:30pm
Venue	Room 2304, Hong Kong University of Science & Technology (HKUST), Clear Water Bay Road, Kowloon, Hong Kong
Co-Organizer	Electronics Packaging Society, IEEE Informatics and Control Technologies Section, IET Management Section, IET

EPS Chapter Technical Seminar: Roadmapping Heterogeneous Integration - A Key to Our Future

The Technical Seminar on Roadmapping Heterogeneous Integration was held in the Hong Kong University of Science and Technology on 14 August 2017. It was jointly organized by the IET Hong Kong - Informatics and Control Technologies Section. In this seminar, Dr. Chen (ASE Fellow) and Dr. Bottoms (Chairman 3MTS) explained the latest technology of Heterogeneous integration in the electronic package which provides enhanced functionality and improve operating characteristics. The Heterogeneous Integration Roadmap is identification of the difficult challenges and the potential solutions to fulfill the technical requirements for the next 15 years emerging research areas. There were 16 participants to attend this seminar. A number of technical question were discussed during the seminar.



Group photo taken at the seminar



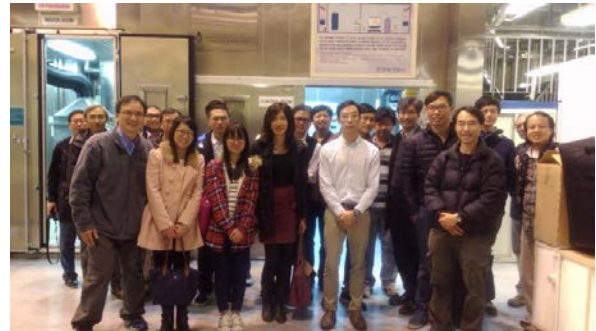
Dr. Chen (Left) and Dr. Bottoms (Right) explained their ideas in the Q&A section



Dr. Jeffery Lo, Program Manager - Electronic Packaging Laboratory received souvenir

Details of EPS Seminar on 14 August 2017 (Monday)

Title:	<i>Roadmapping Heterogeneous Integration:</i>
Date	<i>14 August 2017 (Monday)</i>
Time	<i>8 AM to 5:30 PM</i>
Venue	<i>Hong Kong University of Science & Technology (HKUST), Clear Water Bay Road, Kowloon, Hong Kong</i>
Co-Organizer	<i>Electronics Packaging Society, IEEE Informatics and Control Technologies Section, IET</i>



Mr. Matthew Lai, Technical Officer - Department of Mechanical and Aerospace Engineering received souvenir

EPS Technical Visit to Electronic Packaging Laboratory and Jockey Club Controlled Environment Test Facility

On 10 March 2017, 20 participants gathered at HKUST for visiting two laboratories. In Electronic Packaging Laboratory, visitors had better understand the latest development of Integrated circuit (IC) manufacturing process, mechanical reliability test, failure analysis, material characterization and long-term reliability test. In particular, members were very interested in discussing the LED development processes and its testing methods such as overall thermal resistance measurement and the detail reliability testing procedures. In Jockey Club Controlled Environment Test Facility, members learned household equipment, such as air conditioner, refrigerator and dehumidifier, were tested in an HOKLAS accredited laboratory. Lot of detail discussions were focused on the air conditioner selection and its testing requirements.

Details of EPS Visit on 10 March 2017 (Monday)

Technical Visit	<i>Electronic Packaging Laboratory and Jockey Club Controlled Environment Test Facility</i>
Date	<i>10 March 2017 (Monday)</i>
Time	<i>2:00 to 4:30 PM</i>
Venue	<i>Hong Kong University of Science & Technology (HKUST), Clear Water Bay Road, Kowloon, Hong Kong</i>
Co-Organizer	<i>Electronics Packaging Society, IEEE Informatics and Control Technologies Section, IET Management Section, IET</i>

Technology and Engineering Management (TEM) Chapter

Details of TEM Seminar 22 on Sept 2017 (Wednesday) postponed from 22 Aug due to Typhoon

Seminar	Entrepreneurship Seminar: Thinking Cloud - How to become MNC from a startup
Speakers	Dr Hongyi SUN , Associate Professor, City University of Hong Kong Dr Rocky Lam , Chairman of The China & Hong Kong Enterprise Market Development Association (EDMA) Mr Wilson Cheng , Senior Regional Channel Manager, Oracle NetSuite Mr Kenneth Chau , Chairman of Technology Incubation Network (TIN) Mr Penny Yau , CEO of AppOne Esolution Limited
Date	Date: 22 Sept 2017 (Wednesday)
Time	2:00 – 5:30 pm
Venue	P6606 , AC 2 , City University of Hong Kong
Co-Organizers	Department of Systems Engineering and Engineering Management (SEEM), City University of Hong Kong
Registration/Information	http://www.vantissol.com/template/NetSuite/NetSuite_startup_seminar2017.html
Free	All are Welcome!
Enquiry:	Belle Wong (852) 5490 0007
Status	Open

Newly-elected 2017 Chapters' Officers

Antennas and Propagation / Microwave Theory and Techniques Joint Chapter

	Name
Chair	K. M. Shum keeson.shum@cityu.edu.hk
Vice-Chair	K. K. So EEKKSO@cityu.edu.hk
Secretary	K. M. Mak kammak@cityu.edu.hk
Treasurer	K. B. Ng kubong@cityu.edu.hk

Computational Intelligence Chapter

Chair	Vincent TAM vtam@eee.hku.hk
Vice-Chair	Alvin KWAN cmkwan@hku.hk
Secretary	Andrew LUI alui@ouhk.edu.hk
Treasurer	Yiqun ZHANG yqzhang@comp.hkbu.edu.hk

Computer Society Chapter

Chair	WONG, Tak Lam tlwong@eduhk.hk
Vice-Chair	Jacky Keung jacky.keung@cityu.edu.hk
Secretary	TANG, Kai Tai jeff.tang@ieee.org
Treasurer	LAI, Kwok Keung maxlai.hk@gmail.com

Technology Management Chapter/Technology and Engineering Management Society Chapter

Chair	Edwin Cheung kwcheung@vtc.edu.hk
Vice-Chair	Min Xie minxie@cityu.edu.hk
Secretary	Walter Fung csslfung@comp.polyu.edu.hk
Treasurer	Wai-leung Ha wlha@ieee.org

Electron Devices and Solid-State Circuits Chapter

Chair	Chai Tang ychai@polyu.edu.hk
Vice-Chair	Stephen Tsnag saitsang@cityu.edu.hk
Secretary	Cindy Tam wstam@ieee.org
Treasurer	Li Kwai Hei khei@eee.hku.hk

Engineering in Medicine and Biology Chapter

Chair	Feng Wan fwan@umac.mo
Vice-Chair	Xiaoling Hu xiaoling.hu@polyu.edu.hk
Secretary	Pedro Antonio Mou pedro.antonio.mou@gmail.com
Treasurer	Xiaoling Hu kmmok@cuhk.edu.hk

THE IEEE HONG KONG SECTION Life NEWSLETTER

Electromagnetic Compatibility Chapter

Chair	LEE Kam Chuen KC kcllee@stc.group
Vice-Chair	CHAN Chi Fung, George Georgecfchan@yahoo.com.hk
Secretary	TANG Chi Kit, Jacky cityjacky001@yahoo.com.hk
Treasurer	CHAN Chi Fung, George Georgecfchan@yahoo.com.hk

Photonics Society Chapter

Chair	Sze-Chun Chan scchan@cityu.edu.hk
Vice-Chair	Kin Man Tsia tsia@hku.hk
Secretary	Changyuan Yu changyuan.yu@polyu.edu.hk
Treasurer	Lidai Wang lidawang@cityu.edu.hk

Robotics and Automation/Control Systems Joint Chapter

Chair	Lu Liu luliu45@cityu.edu.hk
Vice-Chair	Youfu Li Meyfli@cityu.edu.hk
Secretary	Li Zhang lizhang@mae.cuhk.edu.hk
Treasurer	Haidong Yuan hdyuan@mae.cuhk.edu.hk

Signal Processing Chapter

Chair	WU Yik Chung ycwu@ieee.org
Vice-Chair	PO Lai Man eelmpo@cityu.edu.hk
Secretary	LO Wai Kit wklo@ieee.org
Treasurer	Huang Kaibin huangkb@eee.hku.hk

Systems, Man and Cybernetics Society Chapter

Chair	James Liu csnkliu819@connect.polyu.hk
Vice-Chair	Eric Tsang cetsang@must.edu.mo
Secretary	Yanxing Hu huyanxing@hotmail.com
Treasurer	Patrick Chan patrickchan@ieee.org

Education Society Chapter

Chair	Wong Ka Wai Gary garywong.cc@gmail.com
Vice-Chair	Lei Chi-Un Leon culei@hku.hk
Secretary	Hui Tak Yin Ray rayhui@hsmc.edu.hk
Treasurer	Mark Kai Pan markkp@uic.edu.hk

Industry Electronics / Power & Energy / Industry Applications / Power Electronics Joint Chapter

Chair	Zhao Xu eezhaoxu@polyu.edu.hk
Vice-Chair	CHAN Ka Wing eekwchan@polyu.edu.hk
Secretary	Lam Kwok Ho kokokh.lam@polyu.edu.hk
Treasurer	WU Zijian Edward eddiewu@clp.com.hk

Electronics Packaging Society (EPS)

Chair	Law, Yi Kei owenyklaw@yahoo.com.hk
Vice-Chair	Yeung, Wai Keung wkyeung@theiet.org
Secretary	Leung, Wai Cheong Justin.wcl@gmail.com
Treasurer	Lam, Ka San Jimmy epjimmy@gmail.com

2017 Affinity Groups' Officers

Young Professional (YP)

Chair	Anand INASU anand.inasu@ieee.org
Vice-Chair	Peng YANG pyangaa@connect.ust.hk
Secretary	Hari Hara Sudhan harisudhan312@gmail.com
Treasurer	Zhe LIN zlinaf@connect.ust.hk

Women in Engineering (WIE)

Chair	Lieny Jany lieny jang@emerson.com
Vice-Chair	Paulina Chan paulinaue@aol.com
Secretary	Chan Tai Wai David verylittled@yahoo.com.hk
Treasurer	Wun Hau Sze wun.agnes@gmail.com

Call for newsletter activities:
Chapters and/or Members

- *12th day of each month is the cut-off date to be included in the newsletter of that month.*
- *In word format (*.doc or *.docx)*
- *Each activity can have a maximum of 500 words and 2 photos*
- *Technical and non-technical activities*