



*Advancing Technology for
Humanity*

2016 IEEE Communications Society Chapter Awards and CAA Winner IEEE Malaysia ComSoc/VTS Joint Chapter

Aduwati Sali

2017 Chair

4 December 2017, IEEE GLOBECOM 2017, Singapore



2016 Executive Committee

Fazirulhisyam Hashim
Chair

Aduwati Sali
Vice Chair

Ayman El-Saleh
Secretary

Wan Nurdiana
Treasurer

N. Ramlee (Past Chair/ Membership Development)

K. Abdullah (Program Coordinator)

M. Roslee (Educational/Outreach/Social Activities)

Khairil Anuar (Communication and Publicity)

M. Y. Alias (Branding, Award & Recognition)

H. Mohamad (Professional Activity/Industrial Linkage)

B. M Ali and M. Ismail (International Relation & ICC2016)



ComSoc/VTS Activities



Statistics of ComSoc/VTS Activities



NO.	ACTIVITIES	2012	2013	2014	2015	2016
1	MDP	4	7	8	10	11
2	Technical	10	11	10	16	17
3	Professional	3	8	15	15	12
4	Educational	8	6	6	10	11
5	Social	0	1	4	12	12
6	DLT/DSP	7	8	5	11	9
7	Conference	2	3	2	3	2
8	Visit	0	0	0	2	6
9	Administrative Meetings	9	12	12	35	35
	TOTAL	43	56	62	114	115

Technical Activities Highlights



- Technical Talk

- Forget Big Data. Think About Big Bandwidth
- Overview of Research on 5G Wireless Communications
- Amateur Radio Demonstration
- A Special Generation
- Research Direction in Next Generation Telecommunications
- Sensing your Smart Cities

- Workshop

- 2-Day: Amateur Radio
- 1-Day: Radar Systems - Application, Latest Trends and Developments
- 1-Day: Satellite Communications Technology
- 1-Day: Writing Grant Proposal for Young Researchers
- 1-Day: Mobile Android Development Technology

Technical Activities Highlights



- Tutorial
 - Half-Day: Introduction of Low Power, Wide Area Networks for “Internet of Things” Engineers and Decision Makers
 - Half-Day: Cognitive radio of 4.5G LTE-A wireless Networks and GNU Radio
- Industrial Forum
 - 5G and Future Wireless Internet
 - Building Next Generation Workforce in Communications and Vehicular Technology
- Conference
 - MICC 2015
 - ISTT 2016
 - ICC 2016



DLT/DSP Activities



• 2015 Speakers

- Sonia Aissa
- A. Nallanathan
- Matolak
- Pradeep K. Ray
- Tarik Taleb
- Koichi Asatani



• 2016 Speakers

- Ying-Dar Lin
- Tarik Taleb
- Shiwen Mao
- Mahbub Hassan
- Xianbin Wang
- Zhu Han
- Anthony Chan



Professional Activities Highlights



- Volunteering in IEEE Conferences
- Professional Talk by Industry (MPWS)
- Leadership Program to ComSoc members
- Professional Talk by Industry (Intel Altera)
- Sharing Experiences on International Academic Services and Research by Ying-Dar Lin
- A Case Study for Professional Volunteerism – 24 Years of IEEE ComSoc Malaysia
- Leadership Talk at UPM Leadership Camp



A Case Study for Professional Volunteerism - 24 Years of IEEE COMSOC Malaysia
Prof. Borhanuddin Mohd Ali

12 AUGUST 2016
FRIDAY
 10.00am - 12.00pm
 DEWAN SEMINAR
 FAKULTI KEJURUTERAAN
 UNIVERSITI PUTRA
 MALAYSIA
 (UPM)

2014 and 2016 COMSOC Chapter-of-the-year

2015 and 2014 Malaysia Chapter-of-the-year

2012, 2013 and 2013 VTS Chapter-of-the-year

comv1.org

Membership Dev. Program Activities

- Promote ComSoc and IEEE to university students and staffs
- Collocate with our Final Year Project Award at various universities



Social Activities Highlights

- Post Flood Humanitarian Program
- IEEE Day
- World Telecommunication and Information Society Day
- Reaching the Homeless, Orphan and Unfortunate People

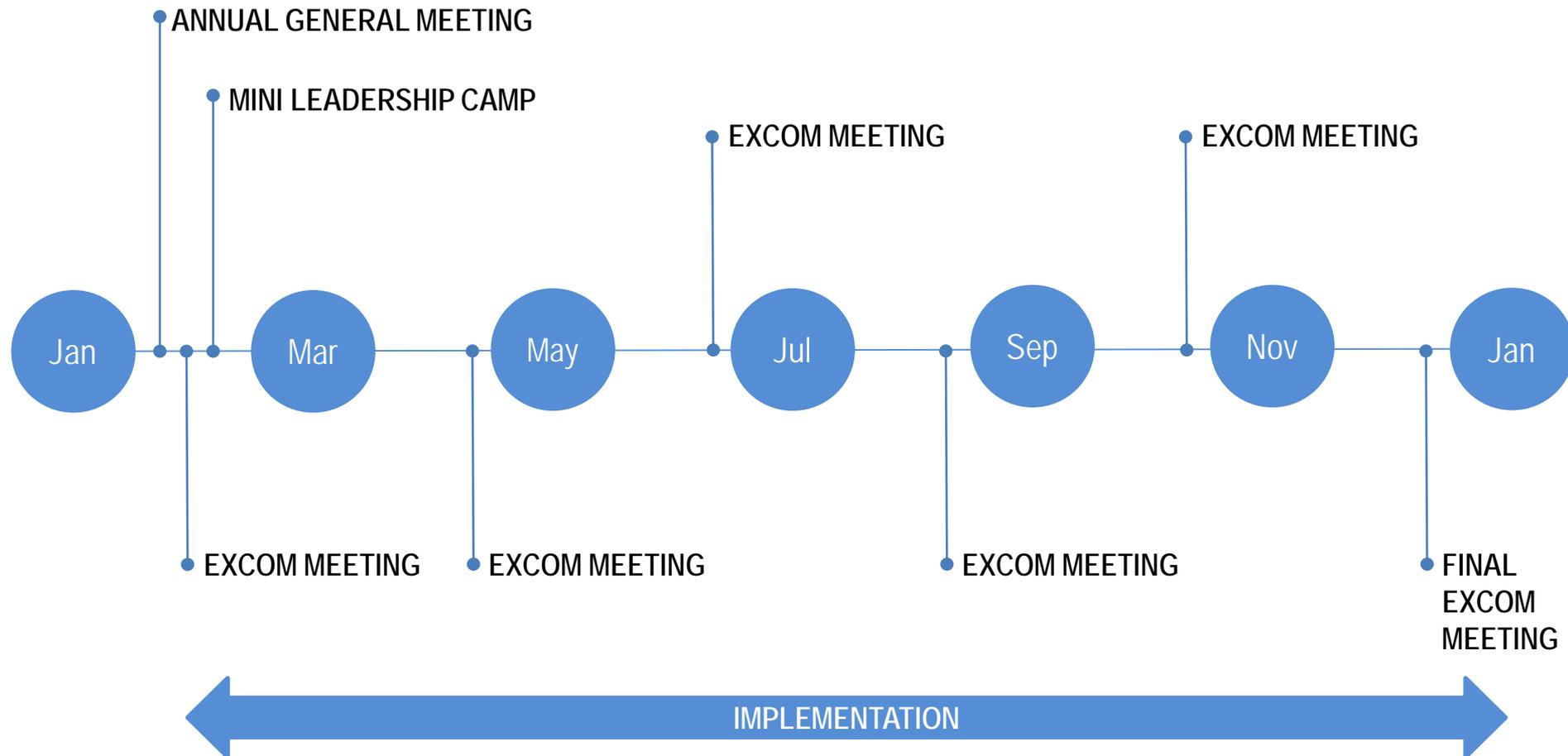


Social Activities Highlights

- Bowling Tournament
- Reaching the Community in Flood Prone Area
- Visit to Pediatric Ward



Our Best Practices



Our Best Practices

- Mini Leadership Camp (early of the year, after AGM)
 - Experience sharing by previous excoms and senior members of ComSoc/VTS
 - Strengthen relationship and teamwork among excoms
 - Learn from the best
 - Plan suitable activities for that particular year
 - Discuss various issues of ComSoc/VTS



Our Best Practices

- Reach the **young** and **student** members
 - Work with ComSoc Student Chapters (provide fund/grant)
 - Motivational talks and activities to IEEE student members to engage and participate in community services
 - They are willing to do the hard work



Student Volunteers of ICC2016

Success Story

- IEEE ICC2016 Student Volunteers
- Humanitarian and Educational Activities

Our Best Practices

- Branding - increase **visibility of ComSoc/VTS** among University management, industry, local and global organizations

Success Story

- IEEE ICC2016
- Co-organized events with industry
- Humanitarian activities
- Subject matter expert



Promoting ICC2016

23rd November 2015 (Monday)

Time : 9.15 AM – 12.00 PM

Venue : Auditorium, Malaysian Communication and Multimedia Commission (MCMC) Old Building, Cyberjaya.

Time : 2.30 – 4.15 PM

Venue : Bilik Seminar Al-Haytham, Lev. 9, Tower 2, Engineering Complex, Universiti Teknologi MARA (UiTM) Shah Alam.

Co-organized by: IEEE Malaysia ComSoc/VTS Joint Chapter, Malaysian Communication and Multimedia Commission (MCMC), Universiti Teknologi MARA (UiTM) and Malaysian Technical Standards Forum Berhad (MTFSB).

Abstract

The telecom industry keeps reinventing itself. Soon, the world will be experiencing the 5th generation mobile networks (5G), also referred to as beyond 2020 mobile communication systems. Major obstacles to overcome in 5G systems are principally the highly centralized architecture of mobile networks along with the static configuration and configuration of network nodes built on dedicated hardware components. This



SME (MH370)

Our Best Practices

- Initiate **collaboration with industry**; by means of technical visit and discussions



Our Best Practices

- **FYP Award** (Communications)
- **ComSoc/VTS Awards**
 - Best Paper
 - Best Dissertation
 - Best Social Activity

Benefits

- Increase the visibility of ComSoc/VTS
- Membership Development Program
- Appreciate members and partners



Our Best Practices

- **Publicize** our activities in IEEE Global Communications Newsletter (GCN)



DISTINGUISHED LECTURER TOUR

Distinguished Lecturer Tour of Tarik Taleb: From Finland to Malaysia

By Fazirulhisyam Hashim, Hafizal Mohamad, and Nur Idora Abdul Razak, IEEE Malaysia ComSoc/VTS Joint Chapter

In November 2015, the IEEE Malaysia ComSoc/VTS Joint Chapter hosted an IEEE ComSoc Distinguished Lecturer Tour (DLT) by Professor Tarek Taleb at three different venues, namely MCMC Cyberjaya, UiTM Shah Alam, and the Hilton Kuching. The speaker, Prof. Taleb, is a Professor at the School of Electrical Engineering, Aalto University, Finland. Prior to his current academic position, he worked as senior researcher and 3GPP standards expert at NEC Europe Ltd, Heidelberg, Germany. Before joining NEC and until March 2009, he worked as an assistant professor at the Graduate School of Information Sciences, Tohoku University, Japan, in a lab fully funded by KDDI, the second largest network operator in Japan.

Prof. Taleb arrived in Malaysia on November 22 and was met by Fazirulhisyam Hashim, the current Chair of the IEEE Malaysia ComSoc/VTS Joint Chapter, at Kuala Lumpur International Airport (KLIA), and later checked-in at the Everly Putrajaya Hotel. After finalizing the check-in process, they had a light dinner at the Black Canyon Restaurant in the Alamanda Shopping Mall, which is a three-minute walk from the hotel.

The following day at 10.30 am, Prof. Taleb delivered his first lecture at the Malaysian Communication and Multimedia Commission (MCMC), Cyberjaya. There were approximately 60 attendees, mainly from various research institutes in Malaysia and industry. In the afternoon, Prof. Taleb went to the Faculty of Electrical Engineering, Universiti Teknologi MARA (UiTM) Shah Alam, to deliver his second lecture. There were approximately 20 attendees at this lecture; 90 percent of them were



hardware-oriented and have a centralized architecture. With the increasing demand for future mobile applications, networks

Our Best Practices



- Organize **high impact** social activities
 - Humanitarian activities
 - Social gathering with the members
- **Reserve** ExCom position for members from industry
 - Improve our visibility
 - Increase the participation of industry in our activities
- Offer **funding** to student chapters/members
 - Co-organize the activities
- **Apply grant** offered by IEEE and R10
 - Healthy account is the key for good organization
- **Appreciate** your volunteers

Our Best Practices



Thank You - from IEEE Malaysia ComSoc/VTS Joint Chapter

Inbox x



Fazirulhisyam Hashim <fazirulhisyam.hashim@gmail.com>

Aug 11 ☆



to bcc: A'ang, bcc: Abbas, bcc: ahalim, bcc: Abdullah, bcc: Abdulwahab, bcc: aalegan, bcc: Abubakar, bcc: adeel.ansari, bcc: lkuesan, bcc: adhoj

Dear all,

The year 2016 has been a very exciting and unique year for IEEE Malaysia ComSoc/VTS Joint Chapter. This year we celebrate 24 years of IEEE Malaysia Communications Society (ComSoc) and 10 years of IEEE Malaysia ComSoc/VTS Joint Chapter.

Chapter-of-the-Year Awards

2016 is also the year we won the **IEEE Communications Society Chapter-of-the-Year Award**, and **IEEE Communications Society Chapter Achievement Award (Asia/Pacific)**.

(link: <http://www.comsoc.org/blog/announcing-winners-2016-ieee-communications-society-chapter-awards>).

Moreover, it has recently been announced that we also won the **IEEE Vehicular Technology Society Chapter-of-the-Year Award**.

(link: http://www.vtsociety.org/index.php?option=com_content&view=article&id=117&Itemid=116).

On behalf of the 2015 and 2016 Executive Committee (Excom) of IEEE Malaysia ComSoc/VTS Joint Chapter, I would like to express our sincere gratitude for your contribution and generous support in our 2015 activities.

Many thanks to our DLP/DSP speakers of 2015; Prof. Sonia, Prof. Nallanathan, Prof. Matolak, Prof. Pradeep, Prof. Taleb and Prof. Asatani. Not to forget the distinguished speakers of our technical programs; Dr. Sumei, Prof. Takahiko Saba, Prof. Tharek, Dr. Rosdiadee, Prof. M. Yusoff, Prof. A. Annamalai, Dr. Abolfazl, Dr. Ching S. Tan and Dr. Mazlan Abbas.

We collaborated with various IEEE and non-IEEE organizations in 2015 to organize various technical/professional/social activities. Thank you to IEEE Malaysia Section, Malaysian Communications and Multimedia Commission (MCMC), MTFBS, TS Global Network (TSGN), TLDM, Sapura, Malaysia Convention and Exhibition Bureau (MyCEB), Sarawak Convention Bureau (SCB), UKM Student Branch (SB), MMU SB, UPM SB, Nilai University SB, IEEE Malaysia Young Professionals, IEEE Malaysia Women in Engineering, IEEE Malaysia Photonics Society, IEEE Malaysia Consumer Electronics Society and many more.

Special thanks to our friends and volunteers, the organizing committee of IEEE ICC 2016, IEEE MICC 2015, IEEE TAFGEN 2015 and IEEE IconSpace 2015.

This is a moment of great pride and excitement to IEEE Malaysia ComSoc/VTS Joint Chapter and our local members; it won't be achieved without your help, **THANK YOU**.

Best regards,
Fazirulhisyam Hashim
Chair, IEEE Malaysia ComSoc/VTS Joint Chapter

2017 and 2018 Highlights



- MICC 2017
- DSP 2017 – Fawzi Behmann
- ASEAN Summer School 2018 (if funding available)



IEEE ComSoc
Distinguished Speaker Program

Cognitive Approach to Building a Safe and Smart City

Jointly organized by :
IEEE Malaysia ComSoc/VTS Joint Chapter
Universiti Putra Malaysia
International Islamic University Malaysia, IARG &
IIUM IEEE Student Branch



Our Speaker :
Fawzi Behmann
President, TelNet Management Consulting, Inc.
Vice Chair, IEEE NA Communications Society

EVENT 1 Monday, Nov 27, 2017	EVENT 2 Tuesday, Nov 28, 2017
 Seminar Hall, Level 2, Faculty of Engineering, Universiti Putra Malaysia (UPM), Serdang, Selangor GPS: 3.0059882, 101.7203621 10.30am – 12.30pm	 Auditorium A, Ground Floor, Building E2, Kulliyah of Engineering, International Islamic University Malaysia (IIUM), Gombak GPS: 3.2536524, 101.7320189 11.00am – 12.30pm

FREE ADMISSION

Any inquiry please email fazirul@upm.edu.my or refer to www.comvt.org

*Thank
you*

