Report on the Distinguished Lecture Tours (DLTs)
(As of 8 October 2015)

We have another successful year for the ComSoc DLTs in Asia Pacific region with a total of 11 DLTs and 5 Distinguished Speaker Programs (DSP) approved by IEEE ComSoc. The following are the reports from the distinguished lecturers and hosting organizers that we would like to share with our Asia Pacific ComSoc community.

2015 Revised AP DLT #1: Schedule Plan 14 – 27 October 2015

Distinguished Lecturer: Prof. Pradeep Kumar Ray

Hosting Chapter	2015 Section / Chapter Chair
Singapore ComSoc Chapter	Yong-Liang Guan
Malaysia ComSoc Chapter	Fazirulhisyam Hashim
Indonesia ComSoc Chapter	Rina Pudji Astuti

The original plan of this DLT program was scheduled to Singapore and India. However, it has been changed to Singapore, Malaysia and Indonesia as Prof. Pradeep Ray was unable to make it to India due to unforeseen circumstances.

Prof. Pradeep Kumar Ray will deliver the topics of "Assistive Technologies for Aged Care" and "Towards Ubiquitous Healthcare in the World: eHealth Perspective" at the following locations:-

1. **Singapore – 15 October 2015**

2. **Kuala Lumpur, Malaysia – 19 October 2015**
   Lecture Venue: Multimedia University

3. **Indonesia – 22 October 2015**
   Lecture Venue 1: Institute of Technology, Bandung
   Lecture Venue 2: Telkom University, Bandung
   Lecture Venue 3: Binus University, Anggrek Campus

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2015 AP DLT #2: 14 – 23 May 2015

Distinguished Lecturer: Prof. Nei Kato

Hosting Chapter	2015 Chapter Chair
Xian ComSoc Chapter	Jiandong Li
Beijing ComSoc Chapter	Xiaofeng Tao
Harbin ComSoc Chapter	Weixiao Meng

Prof. Nei Kato presented a lecture series on "Device-to-Device (D2D): Research Trend and Future Perspective" at the following lecture venues:

1. **Xian – 15 May 2015**
   Lecture Venue: Xidian University

2. **Beijing – 18 May 2015**
   Lecture Venue One: Beijing University of Posts and Telecommunications (BUPT)
   Lecture Venue Two: Chinese Academy of Science (CAS)

3. **Harbin – 21 May 2015**
   Lecture Venue: Harbin Institute of Technology

Summary Report from Hosting Chapters

Prof. Nei Kato was invited by the Xian, Beijing and Harbin ComSoc Chapters to conduct a ComSoc Distinguished Lecturer Tour in May 2015. The first lecture was held in Xidian University on 15 May, which was hosted by the Xian ComSoc Chapter. The lecture topic was "Device-to-Device (D2): Research Trend and Future Perspective". There were more than 40 attendees consists of faculty members and graduate students from Xidian University attending the lecture. The attendees were very interested in the lecture topic and they were active participating in the Q&A session, asking questions ranging from current research progress of D2D to future open problems. They also raised practical issues regarding the achievable performance and implementation details of the "Relay-by-Smartphone" D2D prototype.

Prof. Nei Kato delivered his second lecture at Beijing University of Posts and Telecommunications (BUPT) on 18 May 2015. It was hosted by the Beijing ComSoc Chapter. There were about 50 attendees, including university students, academic researchers and public participants from ICT related Industries. Prof. Nei Kato started the lecture with the background information of D2D and why we need it?. The technical presentation covered a lot of interesting details about D2D and the recent research development in this field. Prof. Nei Kato also showed a short video about an interesting research conducted in his lab, where the students demonstrated to send a message up to 2.5 km without any infrastructure. There were many different insights and raised curiosities in the participants' minds, which was then reflected during the Q & A session. The lecture was about an hour. Participants were very interested in the topic and contents. After the lecture, Prof. Kato had a further meeting discussion with the other Professors at BUPT and visited the related labs.

After the lectures in Beijing, Prof. Nei Kato travelled to Harbin to conduct his technical talk at Harbin Institute of Technology on 21 May 2015. The lecture was hosted by the Harbin ComSoc Chapter. Prof. Nei Kato analyzed the background and significance of D2D, proposed that in the case of spectrum scarcity of resources, it is possible to increase the cellular communication system spectral efficiency and reduce terminal transmit power for D2D to a certain extent. He described the mechanism of DTN proposed by his group, it was suitable for the case when irregular nodes moved in a large scale with faster velocity or nodes were sparse, which could solve the routing failure of MANET caused by nodes' changes and movements to some extent. He also demonstrated D2D application in the emergency network using a MANET and DTN's mixed strategy that was very effective. During the lecture, Professors and students discussed the trend of D2D such as "the security issues of D2D", "the shortest path problem of D2D" and "the validity period of DTN information" and so on. Prof. Nei Kato also talked about the research activities on wireless networks in Tohoku University, providing valuable information to the local Professors and students. There were about a hundred of audiences attended the lecture.

Prof. Nei Kato also attended a seminar organized by Prof. Weixiao Meng's group (Monday Seminar). Prof. Nei Kato provided guidance and directions to students in their research domain patiently, and also had a discussion with the students and other Professors, which brought new ideas on their research work. The participants had a great impression of Prof. Nei Kato's rigorous learning style and nice personality.

Contributed by Waheed ur Rehman, Beijing ComSoc Chapter Secretary
Prof. Weixiao Meng, Harbin ComSoc Chapter Chair
Prof. Liu Jia Jia, from Xian ComSoc Chapter

Picture: Prof. Nei Kato with the attendees at Xidian Univeristy, a lecture hosted by Xian ComSoc Chapter.

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2015 AP DLT #3: 23 July – 1 August 2015

Distinguished Lecturer: Dr. Lingyang Song

Hosting Chapter	2015 Chapter Chair
Kansai ComSoc Chapter	Minoru Okada
Sendai ComSoc Chapter	Nei Kato
Tokyo ComSoc Chapter	Shinichi Nomoto

Dr. Lingyang Song delivered the topic of "Full-duplex Communications and Networks" and "Device-to-Device Communications" at the following locations:-

1. **Kansai – 24 July 2015**
   Lecture Venue: Osaka Institute of Technology, Umekita Knowledge Center (C9)

2. **Sendai – 27 July 2015**
   Lecture Venue: Tohoku University

3. **Tokyo – 29 July 2015**
   Lecture Venue: Kikai Shinko Kaikan

4. **Muroran – 31 July 2015**
   Lecture Venue: Muroran Institute of Technology

Summary Report from Hosting Chapters

Dr. Lingyang Song, the Professor from Peking University in China delivered a Distinguished Lecture Tour (DLT) to Kansai, Sendai, Tokyo and Muroran, during the period of 23 July to 1 Aug 2015.

The first lecture was host by Kansai ComSoc Chapter on 24 July. There were a total of 23 participants (Among the participants, 22 were from academia and 1 from industry; 15 of them were IEEE members and 8 were non-IEEE members) attended the first lecture. The presentation highlighted the recent trends of the device-to-device (D2D) communication that is able to potentially manage the increasing data traffic of mobile telecommunications. To cope with these trends, the talk showcased the feasibility of the D2D communication through introducing the basic algorithm and experiments. The background of the work was carefully established. All the participants were interested in this topic and they were actively participating in the Q&A session.

The second lecture was delivered at Tohoku University in Sendai on 28 July. It was hosted by Sendai ComSoc Chapter. There were a total of 25 participants attended to this lecture. Most of them were masters and doctorate students, and they were all members of IEEE. This talk was about full-duplex wireless communication systems and its advantages along with challenges in contrast with its half-duplex counterpart. The talk pointed out that all existing wireless communication systems deploy the half-duplex radios which transmit and receive the signals in two separate/orthogonal channels. As a

consequence, they dissipate the precious resources by employing either a time-division or a frequency-division duplexing. The lecture considered this problem as the core and introduced the full-duplex communication which has been considered somewhat impractical for many years. The lecture explained the full-duplex communication in which a node a can send and receive the signals at the same time and frequency resources can potentially offer to double the spectral efficiency. Then, the lecture revealed that self-interference is a long-standing challenge in this research, and discussed self-interference cancellation techniques to realize full-duplex communications for the next generation cellular networks. This talk concluded that there are excellent applications of full-duplex communication in future technologies such as 5G, MIMO, and cognitive radio. With the request from the audience to know the specific upcoming relevant applications, the lecture introduced full duplex cooperative communication in distributed WiFi, centralized relay network, DF-relay, AF-relay, and two-way relay. In addition, it also demonstrated the interesting concept of the full-duplex HetNet.

The lecture provided the audience with an understanding that even though previously it was considered not so useful, this kind of research is becoming practical with the technology evolution of cellular networks to further improve the network capacity by effectively reusing the limited radio spectrum. Developing such understanding in the graduate students in particular has been an effective way to increase their motivation and help them realize the benefit of our community membership which enables them to access such interesting lectures.

The following trip of Dr. Lingyang Song's DLT was to conduct a lecture in Tokyo on 29 July at Kikai-Shinkou Kaikan Building. This talk was hosted by the IEEE Tokyo/Fukuoka/Hiroshima/Nagoya/Sapporo/Shikoku/Shin-etsu Joint ComSoc Chapter. There were a total of 27 participants attended to this seminar. Among the participants, 23 participants (85%) were IEEE members while 4 participants (15%) were non-IEEE members. 18 out of 27 IEEE members were Communications Society members. From the viewpoint of participant's affiliation, 13 participants (48%) were from industries such as laboratories in the communication related companies and 11 participants (14%) were from academia such as universities. Other 3 participants are retired or individual.

On Friday, 31th July 2015, Prof. Lingyang Song conducted another lecture in Muroran. The lecture was held at Muroran Institute of Technology. There were 15 participants in this lecture. 2 participants were IEEE members which include 1 Communications Society member. Most of the participants were from academia.

During the lecture, Dr. Shinichi Nomoto, Chair of IEEE Tokyo/Fukuoka/Hiroshima/Nagoya/Sapporo/Shikoku/Shin-etsu Joint ComSoc Chapter, and Dr. Mianxiong Dong, Assistant Professor of Muroran Institute of Technology, addressed opening remarks in Tokyo and Murorean, respectively. After a short introduction of Prof. Song's biography, the lecture on two topics "Device-to-device Communications" and "Full-duplex Communications and Networks" were given by Prof. Song in 2 hours. At the end of each topic, we had a discussion with 3 to 4 questions raised by the audiences for each topic. Each question was not superficial but insightful, the lecturer and audience had an extensive and fruitful discussions.

At the end of the seminar, some enthusiastic participants directly contacted Prof. Song for more detail discussion and for further information. Many participants were satisfied with Prof. Song's exciting lecture. The lecture series was successfully concluded.

Regarding to the lecture topic, we proposed four potential topics with short description during the arrangement of these lectures. We contacted some chapter members to ask which topic was attractive to our chapter members. We heard the above two topics were interesting, so we asked Prof. Song to talk two topics in the lecture. This was very useful procedure to attract the chapter member's attention and interest to this lecture.

We thank Prof. Lingyang Song for his great lecture and we also appreciate various supports from the related organizations including IEEE Communications Society, and IEEE Asia-Pacific / Communications Society Office. We are looking forward to have similar opportunities in the near future.

Contributed by Takeshi Higashiro, from Kansai ComSoc Chapter; Nei Kato from Sendai ComSoc Chapter and Atsushi Tagami from Tokyo ComSoc Chapter Chapter.

Picture 1: Lecture at Muroran Institute of Technology

Picture 2: Lecture at Tohoku University

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2015 AP DLT #4: Schedule Plan 15 – 20 December 2015

Distinguished Lecturer: Dr. Rath Vannithamby

Hosting Section / Chapter	2015 Section / Chapter Chair
Sri Lanka Section	Ruwan Ranaweera
Sri Lanka ComSoc Chapter	Dileeka Dias

Dr. Rath Vannithamby will be presenting the topic of "5G Evolution and Candidate Technologies" at the following locations in this coming December:-

1. **Galle – 17 December 2015**
2. **Peradeniya – 18 December 2015**
3. **Moratuwa – 19 December 2015**

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2015 AP DLT #5: 2 – 12 May 2015

Distinguished Lecturer: Prof. Tom Hou

Hosting Chapter	2015 Chapter Chair
Seoul ComSoc Chapter	Sunghyun Choi
Beijing ComSoc Chapter	Xiaofeng Tao
Nanjing ComSoc Chapter	Lianfeng Shen

Prof. Tom Hou presented a technical talk on "Advances in Wireless Networking for Cyber Physical Systems"

1. **Seoul – 4 May 2015**
   Lecture Venue: Seoul National University
2. **Beijing – 6 May 2015**
   Lecture Venue: Beijing University of Posts and Telecommunications
3. **Nanjing – 11 May 2015**
   Lecture Venue: Southeast University

Summary Report from Prof. Tom Hou

As an IEEE Communications Society Distinguished Lecturer, I was honored to be invited to give four lectures at ComSoc chapters in Seoul (Korea), Beijing (China), and Nanjing (China) during May 2 to 12, 2015.

Seoul, Korea was my first stop. I was hosted by Prof. Sunghyun Choi of Seoul National University. Prof. Choi is the Chair of ComSoc Seoul Chapter. The title of my lecture was "Some Advances in Wireless Networking for Cyber Physical Systems." My lecture focused on some new advances in wireless networking that are important to CPS. First, I presented some new advances in multi-hop MIMO networks. The key challenge was to develop tractable mathematical models. I presented a new degree-of-freedom (DoF) model for interference cancellation in multi-hop MIMO networks. The second topic was on new wireless energy transfer (WET) for sensor networks. WET is a new enabling technology to address energy problem in battery-powered wireless networks. I presented some recent results on how to exploit this technology to remove the lifetime bottleneck in sensor networks.

My lecture in Seoul was attended by Prof. Sunghyun Choi, Prof. Byeong Gi Lee, and members of their research groups. The number of attendees was about 20. The audience's reception and feedback were excellent. Most of them followed the materials in my lecture and were able to ask some high quality questions. Before and after my lecture, I had meetings with Prof. Choi and had stimulating discussions about the relationships between Cyber Physical System (CPS) and Internet of Things (IoT). I also had the pleasure to have a tour of Prof. Choi's labs in two different buildings on campus and had a first-hand look of a faculty's research lab in a Korean university. Both Prof. Choi and Prof. Lee had lunch with me at a traditional Korean restaurant. That was the best Korean food that I have ever had. Prof. Lee, a former ComSoc President, shared with me his experience and wisdom on ComSoc governance during his active years.

After departing Seoul, my second stop was Beijing, China. My hosts were Prof. Xiaofeng Tao and Prof. Ping Zhang of Beijing University of Posts and Telecommunications (BUPT). Prof. Tao is the Chair of ComSoc Beijing Chapter. BUPT is the largest university in China that is dedicated to education and research in telecommunications. In addition to Prof. Tao, I had the pleasure to meet many other professors at BUPT. My lecture was held in BUPT and was attended by about 80 people. Among the attendees were several researchers from Huawei China and some faculty members from other local universities in Beijing. During my visit, I had the pleasure of hosting a Q&A meeting with first-year graduate students. I was also given a tour of the research labs and facilities at BUPT. Following my visit at BUPT, I was invited to give a lecture at Tsinghua University School of Software Engineering. My host of Prof. Yunhao Liu and the lecture was attended by 50 people.

The last stop of my DLT was Nanjing, China. My hosts were Prof. Shi Jin and Prof. Xiaohu You of Southeast University. Prof. Shi Jin is the Chair of ComSoc Nanjing Chapter and Prof. You is Director of National Mobile Communications Research Laboratory at Southeast University. The lecture was hosted by Prof. You and was attended by over 80 people, with many faculty and students from local universities. There were many good questions regarding practical issues of using MIMO DoF model, which were

certainly important for implementation. After the lecture, I had a tour of the labs and research facilities of the National Mobile Communications Research Laboratory and held meetings with a number of professors, including Prof. Jun Zheng and Prof. Shi Jin. Following the lab visit, Prof. Jin offered me a car-ride tour of the new Southeast University campus.

I would like to thank the chairs of ComSoc local chapters in Seoul, Beijing, and Nanjing for their support in making this DLT possible. I also want to thank Prof. Koichi Asatani, ComSoc Director of Membership Programs Development for his prompt review and approval of my DLT application, and Ms. Ewell Tan for providing logistical and administrative support throughput the DLT tour.

Written by Tom Hou, Ph.D., IEEE Fellow
Bradley Distinguished Professor of Electrical and Computer Engineering
Virginia Tech, Blacksburg, VA, USA

Picture: Lecture at Southeast University

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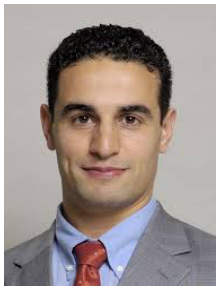
2015 AP DLT #6: 10 – 19 May 2015



Distinguished Lecturer: Dr. Tarik Taleb

Hosting Organizer	**Contact Person**
Doshisha University	Jun Cheng
KDDI Labs	Kazunori Takeuchi
Future University of Hakodate	Xiaohong Jiang

Dr. Tarik Taleb conducted a technical talk on "Towards 5G: Carrier-Grade Programmable Virtual Mobile Networks" at the following locations:-

1. **Doshisha University, Kyoto, Japan – 11 May 2015**
2. **KDDI R&D Labs, Saitama, Japan – 14 May 2015**
3. **Future University of Hakodate, Japan – 15 May 2015**

Summary Report from Dr. Tarik Taleb

In the first venue, there were around 70 attendees, most of them students. In the second venue, more than 100 people attended the talk, the majority from within KDDI. As for the third venue, there were around 30 attendees; most of them were graduate students. I received many questions during my talk and afterwards. Some attendees have also approached me offline by email.

I started the talk with an overview on how the mobile network architecture has evolved to what we have nowadays as Evolved Packet System. I then spoke about 5G and its requirements. To showcase how challenging these requirements are, I spoke about the issues 4G is already facing. Afterwards, I introduced the concept of cloud-based mobile core networking as an important vision of 5G and that is to meet many of its requirements. Here, I covered SDN and NFV as two key enabling technologies. I then detailed cloud-based mobile core networks, its challenges, and how we could address them. Finally, I highlighted some use cases of the concept.

The tour went very fine and I was very pleased meeting with many IEEE ComSoc members from the different chapters I visited. I hereby would like to thank all the organizers for the excellent organization.

Written by Dr. Tarik Taleb

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2015 AP DLT #7: 21 June – 7 July 2015

Distinguished Lecturer: Prof. Pradeep Kumar Ray

Hosting Chapter	2015 Chapter Chair
Beijing ComSoc Chapter	Xiaofeng Tao
Xian ComSoc	Jiandong Li
Harbin ComSoc	Weixiao Meng
Shanghai ComSoc	Xinwan Li

Prof. Pradeep Kumar Ray will be conducting a technical talk on "Assistive Technologies for Aged Care" at the following lecture venues:-

1. **Beijing – 22 June 2015**
   Lecture Venue: Beijing University of Posts and Telecommunications (BUPT)

2. **Xian – 24 June 2015**
   Lecture Venue: Xidian University

3. **Harbin – 2 July 2015**
   Lecture Venue: Harbin Institute of Technology (HIT)

4. **Shanghai – 6 July 2015**
   Lecture Venue: Shanghai Jiao Tong University

Summary Report from Prof. Pradeep Kumar Ray

The Beijing, Harbin and Shanghai Communications Society Chapters had invited me to give a technical presentation on "Cooperative Service Management in Healthcare Sector: Emerging Trends and Future Challenges", and the Xian Communications Society Chapter hosted my lecture with the title of "Towards an Intelligent and ubiquitous Healthcare Infrastructure" during my DLT in China. The hosting chapters provided me with the necessary logistic arrangement, i.e. accommodation, local transportation, English speaking guide (essential in China) and meals as required during the DLT program.

My first lecture was in Beijing, which was hosted at the Beijing University of Post and Telecommunications (BUPT) on June 22, which happened to be a public holiday. In spite of its being a public holiday, there were about a dozen attendees during my talk. Most of them were PhD students or Researchers (some from overseas). It seemed that most of the attendees did not have much background in this emerging area of communications, though they were quite interested as it seemed from the questions. After the talk at BUPT, the host dropped me at the Beijing West Railway station from where I took the overnight train to Xian.

Xidian University, Xian was my host of my second talk on June 24. They also provided me with pick-up arrangement from Xian Railway Station on June 23 and dropped us at the Xian Airport on June 25 for the travel Tianjin where we spent the weekend before travelling to Harbin. This talk was longer as requested by the hosts and it seemed this group led by Prof. Gang Yang was already working on telemedicine. There were about 20 attendees and we had a long discussion with the team of Prof. Gang Yang after my talk on June 24.

My lecture in Harbin was conducted at Harbin Institute of Technology (HIT). The Chapter made a pick-up arrangement for me from Harbin station on June 29 and dropped me at the Harbin airport on July 5. Harbin hosts the top eHealth Research Institute of China and hence I was requested to deliver a total 4 lectures including the IEEE DL on July 1. It seemed a number of Schools of HIT were interested in multi-disciplinary research in eHealth and hence I met with more than 50 people at different times during my stay there for a week.

The Joint Institute of Shanghai Jiao Tong and Michigan University were my hosts in IEEE DL at Shanghai on July 6th. There were about 20 attendees.

Thanks to the excellent organization by IEEE Communications Society Asia Pacific Office (Ewell Tan), ComSoc DL organizers and the hosts in Beijing, Xian, Harbin and Shanghai, this IEEE ComSoc DLT on eHealth was a great success.

Contributed by Prof. Pradeep Kumar Ray

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2015 AP DLT #8: 13 – 22 December 2015 (Cancelled)

Distinguished Lecturer: Prof. Hamid Jafarkhani

Hosting Chapter	2015 Chapter Chair
Hyderabad ComSoc Chapter	Narasimhan Venkatesh
Delhi ComSoc Chapter	Manav R. Bhatnagar
Bombay ComSoc Chapter	Sanjar Pawar

Unfortunately, this DLT by Prof. Hamid Jafarkhani has to be cancelled as the distinguished lecturer is unable to travel to India due to visa entry issue.

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2015 AP DLT #9: 30 June – 11 July 2015

Distinguished Lecturer: Prof. Zhu Han

Hosting Chapter	2015 Chapter Chair
Seoul ComSoc Chapter	Sunghyun Choi
Xian ComSoc Chapter	Jiandong Li
Beijing ComSoc Chapter	Xiaofeng Tao

Prof. Zhu Han has delivered his technical presentation at the following locations:-

1. Seoul – 1-3 July 2015
Lecture Venue 1: Seoul National University on 1 July 2015
Lecture Topic: Wireless Device-to-Device Communications and Network

Lecture Venue 2: Kyung Hee University on 2 July 2015
Lecture Topic: Resource Allocation for D2D Communications and
Smart Grids Communications and Networking

Lecture Venue 3: SKKU University on 3 July 2015
Lecture Topic: Wireless Energy Harvesting and
Resource Allocation for Full Duplex Communication and Networks

2. Xian – 6 & 7 July 2015
Lecture Venue 1: Xidian University on 6 July 2015
Lecture Venue 2: Xian Jiaotong University on 7 July 2015
Lecture Topic: Game Theory for Wireless Networks

3. Beijing – 8 & 9 July 2015
Lecture Venue 1: Beijing University of Posts and Telecommunications on 8 July 2015
Lecture Topic: Resource Management for Device-to-Device Communications

Lecture Venue 2: Chinese Academy of Science on 9 July 2015
Lecture Topic: Resource Allocation for Full-Duplex Communication and Networks

Summary Report from Beijing ComSoc Chapter

IEEE Beijing ComSoc Chapter arranged a lecture on July 8, 2015. Prof. Zhu Han delivered a distinguished lecture on "Resource Management for Device-to-Device Communications". The lecture took place between 3.30 pm to 5.00 pm. There were a total of 80 attendees, including university students, academic researchers.

Prof. Han was welcomed by Prof. Tao Xiaofeng, the chair of Beijing ComSoc Chapter. Prof. Zhu Han highlighted the exponential increase in recent demands in data rate and bandwidth craving applications, it is very important to manage sparse resources efficiently. D2D communication provides an effective alternative to bypass the base station and transmit data directly to the receiving node. In doing so, the system capacity can be improved tremendously.
The audiences were very interested in this topic and were actively participating during the Q&A session. After the lecture, Prof. Zhu Han visited the BUPT research labs and had dinner with Prof. Tao.
We hope Prof. Zhu Han had a pleasant experience during his visit to Beijing.

Written by Waheed ur Rehman
Secretary, IEEE ComSoc Beijing Chapter

Picture: Lecture at Kyung Hee University

Picture: Lecture at Xidian University

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2015 AP DLT #10: 16 – 27 August 2015

Distinguished Lecturer: Dr. Ying-Dar Lin

Hosting Chapter	2015 Chapter Chair
New Zealand North, South and Central ComSoc Chapter	Nurul Sarkar

Dr. Ying-Dar Lin presented a series of lecture at the following locations:-

1. Christchurch – 17 August 2015
Lecture Venue: University of Canterbury
Lecture Topic: Software Defined Networking: The 2nd Wave of Cloud Computing

2. Wellington – 20 August 2015
Lecture Venue: Victoria University of Wellington
Lecture Topic: Research Roadmap Driven by Network Benchmarking Lab (NBL): Deep Packet Inspection, Traffic Forensics, WLAN/LTE, Embedded Benchmarking and Software Defined Networking and Beyond.

2. Auckland – 25 August 2015
Lecture Venue: Auckland university of Technology
Lecture Topic: Research Roadmap Driven by Network Benchmarking Lab (NBL): Deep Packet Inspection, Traffic Forensics, WLAN/LTE, Embedded Benchmarking and Software Defined Networking and Beyond.

Summary Report from New Zealand North, South and Central ComSoc Chapter

The IEEE New Zealand (NZ) Communications Society (ComSoc) is a joint chapter of IEEE NZ North, South, and Central Sections. Being a ComSoc chapter chair, Associate Professor Nurul Sarkar had nominated Professor Ying-Dar Lin (National Chiao Tung University, Hsinchu, Taiwan), for IEEE ComSoc Distinguished Lecturer (DL) tour to NZ. Professor Lin gave three public lectures (covering the three major cities of NZ) in Christchurch, Wellington and Auckland on November 17, 20 and 25, respectively. This report focuses on DL talk in Auckland.

Professor Lin had arrived in Auckland on 24th August and stayed in Scenic Hotel Auckland. The venue at Auckland University of Technology was a walking distance from the Hotel. Dr Sarkar met with Prof Lin before the talk and brought him to the venue (AUT Tower building, Auckland University of Technology). Professor Lin give a talk on some aspects of "Research roadmap benchmarking Lab: Deep packet inspection, traffic forensics, WLAN/LTE, embedded benchmarking, SDN, and beyond".
Despite of the busy time of the year about 40 (about 25 IEEE and 15 non-IEEE members) people within and outside of AUT attended the event. While most of the participants are academic staff and students, we had a couple of Engineers and practitioners. Having ample opportunity for discussion, people have enjoyed networking during lunch break. The event was co-sponsored by IEEE ComSoc and IEEE NZ North section. Organising chair A/Professor Nurul Sarkar received positive feedback from the participants indicating that the event was successful.

Written by Prof. Nurul Sarkar
Chair, New Zealand North, South and Central ComSoc Chapter

Picture: Lecture at Auckland university of Technology

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2015 AP DLT #11: Schedule Plan 22 – 27 November 2015

Distinguished Lecturer: Dr. Tarik Taleb

Hosting Chapter	2015 Chapter Chair
Malaysia ComSoc Chapter	Fazirulhisyam Hashim

Dr. Tarik Taleb will be conducting a lecture on "Towards 5G: Carrier-Grade Programmable Virtual Mobile Networks" at the following venues:-

1. Kuala Lumpur – 23 November 2015
Lecture Venue 1: Multimedia University, Cyberjaya
Lecture Venue 2: Universiti Kebangsaan Malaysia

2. Sarawak – 25 November 2015
Lecture Venue 3: Kuching at Malaysia International Conference on Communications

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In Summary:

It's always encouraging to learn that our AP ComSoc Chapters are very enthusiastic and keen in organizing DLTs and DSPs for their local members. We received feedback from our hosing chapters that the lectures were very well received by the local audience. Our members find that the technical presentations conducted by the distinguished lecturers have opened up their minds and very beneficial to their study / research.

This year, we have a total of 11 approved DLTs and 5 approved DSPs by IEEE ComSoc in Asia-Pacific region. It was another exciting year as we received overwhelming requests from the Chapters and distinguished lecturers. These approved DLTs / DSPs covered areas in Singapore, Malaysia, Indonesia, China, Japan, Sri Lanka, Seoul, India, New Zealand, Australia and Hong Kong.

The 5 approved DSPs were conducted by Prof. Tom Hou in Singapore on 15 April, Prof. Sonia Aissa in Kuala Lumpur on 18 May, Prof. Anura Jayasumana in Australia on 26 June, Prof. Nirwan Ansari in Hong Kong on 1 September, and lastly by Prof. Zhisheng Niu in Tokyo on 19 October.

We would like to express our gratitude to all the distinguished lecturers, for their willingness to travel to our region and spent their precious time to share their expertise and knowledge with AP ComSoc Community.

We look forward to another exciting year in 2016 with more DLTs and DSPs that can benefit our members in Asia Pacific, and hopefully to encourage the potential members to join the IEEE ComSoc!

Once again, a very big thank you to all the hosting organizers and distinguished lecturers who have greatly contributed to the success of ComSoc DLTs and DSPs for Asia Pacific region.

Written by Ewell Tan
IEEE Asia-Pacific Limited
