



IEEE (HK) Section
AP/MTT

Editor: W. C. Mok

IEEE HK AP/MTT Joint Chapter NEWSLETTER

11 & 12/2018

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Registration

Chapter activities:

The 19th IEEE HK AP/MTT Postgraduate Conference

The 19th IEEE HK AP/MTT Postgraduate Conference was held in the Chinese University of Hong Kong on November 3, 2018. The conference was co-organized by the Department of Electronic Engineering and Radiofrequency Radiation Research Laboratory, the Chinese University of Hong Kong and IEEE HK AP/MTT Joint Chapter. It was financially sponsored by Radiofrequency Radiation Research Laboratory, the Chinese University of Hong Kong (CUHK). It is the fifth time for CUHK to be the organizer of the postgraduate conference.

The IEEE HK AP/MTT Joint Chapter would like to acknowledge the contributions of the following conference committee members:

- Conference Chair: **Prof. Ke-Li Wu**
- Award Committee: **Prof. Qing-Xin Chu**
- Registration Committee: **Miss Dou Yuhang**
- Exhibits Committee: **Mr. Sui Jiangwei**
- Local Arrangements Committee: **Mr. Fung Yun Ming**

This year, 34 papers were received from universities in Hong Kong, Macau, and mainland. It represented that there is a very strong research spirit in these regions. Two parallel sessions were presented: one for AP topics and one for MTT topics.



Presentation



Research exchange during break

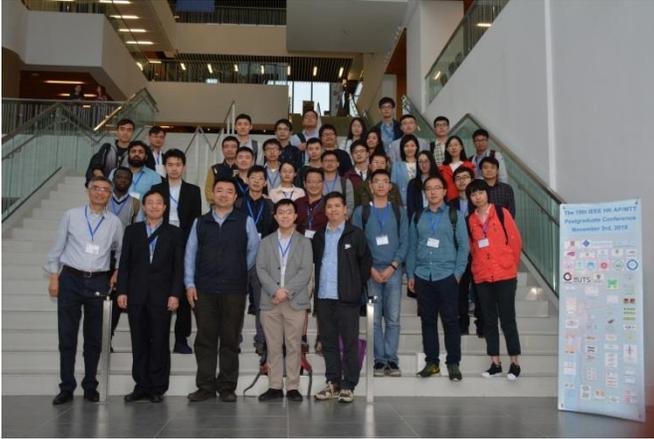


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Group photo



1st Runner up of AP session: Yuhang Dou



Sightseeing in CUHK campus



2nd Runner up of AP session: Wan Jun Yang

The results of Best Paper Awards:



Champion of AP session: Rong Wang



Champion of MTT session: Yin Li



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1st Runner up of MTT session: Xi Yu



2nd Runner up of MTT session: Cong Luo

Finally, the Chapter would like to thank all professors, researchers, and students for their participations and hope to see you all again in coming postgraduate conference.

Seminar on Low-Profile Patch Antennas with Improved Radiation Performances

The seminar was organized by Prof. Chi Hou Chan, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Prof. Lei Zhu comes from University of Macau, Macau SAR, China.



The details of seminar:-

Date	19 November 2018 (Monday)
Time	2:30 pm – 3:30 pm
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
Website	http://www.ee.cityu.edu.hk/sklmw/apmtt/
Organizers	IEEE HK AP/MTT Joint Chapter, State Key Laboratory of Terahertz and Millimeter Waves and Department of Electronic Engineering, City University of Hong Kong



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Seminar on Millimeter-Wave Antennas for 5G

The seminar was organized by Prof. Chi Hou Chan, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Prof. Zhi Ning Chen, comes from National University of Singapore, Singapore.



The details of seminar:-

Date	19 November 2018 (Monday)
Time	4:00 pm – 5:00 pm
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
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Seminar on A Phenomenon of Resonant Frequency Shift in Microwave Measurement Using Linear Resonator Technique and Its Compensation Formulas

The seminar was organized by Prof. Chi Hou Chan, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Dr. Keren Li, comes from National Institute of Information and Communications Technology (NICT), Japan.



The details of seminar:-

Date	20 November 2018 (Tuesday)
Time	9:30 am – 10:30 am
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
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Seminar on A New Generation of Photonic Crystals

The seminar was organized by Prof. Chi Hou Chan, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Prof. Che Ting Chan, comes from Hong Kong University of Science and Technology, Hong Kong, SAR, China.



The details of seminar:-

Date	20 November 2018 (Tuesday)
Time	10:50 am – 11:50 am
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
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Workshop on COMSOL Multiphysics & Application

The workshop was organized by Dr. Kwok Kan So, State Key Laboratory of Terahertz and Millimeter Waves. The speakers, Mr. Tianji Wu and Mr. William, COMSOL Co., Ltd., Shanghai, China.



The details of workshop:-

Date	21 November 2018 (Wednesday)
Time	10:30 am – 12:30 pm
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
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Seminar on Semi-smart Base Station Antenna & Millimeter-wave Dielectric Resonator Antenna Array

The seminar was organized by Prof. Chi Hou Chan, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Dr. Zhijiao Chen, comes from Beijing University of Posts and Telecommunications, Beijing, China.



Seminar on Active Control of High-frequency and Optical Functions Using Fast Electrical and Optical Switching of Phase Change Materials

The seminar was organized by Dr. Hang Wong, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Dr. Aurelian Crunteanu, comes from XLIM Research Institute– CNRS/ University of Limoges, France.



The details of seminar:-

Date	23 November 2018 (Friday)
Time	11:00 am – 12:00 noon
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
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The details of seminar:-

Date	13 December 2018 (Friday)
Time	4:00 pm – 5:00 pm
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
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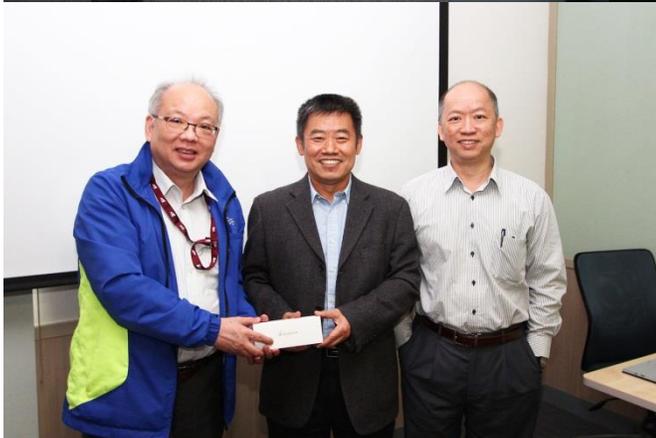
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Seminar on Design of Broadband Antennas Based on Mode Control

The seminar was organized by Prof. Kwai Man Luk, State Key Laboratory of Terahertz and Millimeter Waves. The speaker, Prof Qing-Xin Chu, comes from South China University of Technology, China.



The details of seminar:-

Date	24 December 2018 (Monday)
Time	11:00 am – 12:00 noon
Venue	State Key Laboratory of Terahertz and Millimeter Waves Rm. 15-202, 15/F, Lau Ming Wai Academic Building, City University of Hong Kong
Website	http://www.ee.cityu.edu.hk/sklmw/apmtt/
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