

ANNUAL REPORT FOR YEAR 2014

IEEE AP-S SOCIETY

Chapter Name: IEEE AP-S Tainan Chapter

1. BASIC INFORMATION

- A. Section Name: IEEE Tainan Section
 B. IEEE Region Number: R10
 C. Societies that your chapter is joint with, if any: NIL
 D. Chapter Web address, if any: <http://ewh.ieee.org/r10/tainan/ap/index.html>
 E. Officers for 2014 (please fill in the table below):

	Chair	Vice Chair	Vice Chair
Name	Prof. Jui-Han Lu	Dr. Hsin-Cheng Su	Prof. Shun-Yun Lin
Address	Dept. of Electronic Comm. Eng. National Kaohsiung Marine University	JEBSEE Electronics Co. LTD. No.24-3, Sin-Lo RD., Tainan City, Taiwan.	Dept. of Electronic Eng. Cheng Shiu University
Phone	+886-7-3617141 ext 3310	+886-6-2647622	
Fax	+886-7-3658307		
Email	jhlu@webmail.nkmu.edu.tw	suhc@ema.ee.nsysu.edu.tw	yun@csu.edu.tw

	Secretary	Treasurer	Membership development
Name	Dr. Shu-Chuan Chen	Dr. Ting-Wei Kang	Prof. Chin-Lung Yang
Address	Dept. of Electrical Eng. National Defense University	MediaTek Inc. No.1 Dusing 1 st RD., Hsinchu Science Park, Hsichu city 30078, Taiwan.	Dept. of Electrical Eng. Nation Cheng Kung University
Phone			
Fax			
Email	chensc@ema.ee.nsysu.edu.tw	kangtw@ema.ee.nsysu.edu.tw	chinlung.yang@gmail.com

2. Officers for 2015:

	Chair	Vice Chair	Vice Chair/ Secretary
Name	Prof. Shun-Yun Lin	Prof. Chien-Jen Wang	Prof. Hsin-Lung Su
Address	Dept. of Electronic Eng. Cheng Shiu University	Dept. of Electrical Eng., National University of Tainan	Dept. of Computer and Commu., National Pingtung University
Phone	+886 7 7310606 #3211		
Fax	+886 7 7331758		
Email	yun@csu.edu.tw	cjwang@mail.nutn.edu.tw	hlsu@mail.nptu.edu.tw

	Vice-Chair/ Membership development	Treasurer
Name	Dr. Ting-Wei Kang	Prof. Shu-Chuan Chen
Address	MediaTek Inc., Hsichu city, Taiwan.	Dept. of Electrical Eng. National Defense University
Phone		
Fax		
Email	kangtw@ema.ee.nsysu.edu.tw	chensc@ema.ee.nsysu.edu.tw

3. CHAPTER ACITVITIES DESCRIPTION

3.1 Summary Information for 2014

A. Number of technical meetings (in which a technical presentation is made)

1. **Presentations from student members of your chapter: 0**
2. **Presentations from non-student members of your chapter: 4**
(A member of your chapter is one who belongs to the AP-S Society and who lives within your Section. Do not include IEEE Distinguished Lecturers)
3. **Presentations from outside speakers: 23**
(This includes speakers from outside your chapter. Do not include IEEE Distinguished Lecturers.)
4. **Presentations from IEEE Distinguished Lecturers: 2**
5. **TOTAL numbers of technical meetings: 29**

B. Average total attendance at the technical meetings:

(Average over all of the technical meetings held during the year.)

C. Number of non-technical (organizational) meetings held: 1

1. **Nov. 8, 2014, IEEE AP-S annual meeting, National Sun Yat-sen University, Kaohsiung City, Taiwan.**

D. Number of workshops, short courses, or conferences organized or co-organized by your chapter: 3 Academic Conference: 1

1. **Jan. 21~23, 2014, “2014 Workshop on Electromagnetics-A Bridge to the Future” (EM Education Initiative-Winter Program), Yu-Lin City, Taiwan. IEEE AP-S Tainan chapter: Technical co-sponsor.**

2. April 12, 2014, Forum on Mobile Communication Technology

3. Dec. 02-05, 2014 International Symposium on Antennas and Propagation (ISAP) conference at Kaohsiung, Taiwan.

3.2 Technical Meeting Information for 2014 (use additional pages if necessary)

Note: For “Category”, please use the following:

S: speaker is a student member of the chapter

M: speaker is a non-student member of the chapter (but do not include IEEE Distinguished Lecturers)

O: speaker is from outside the chapter (but do not include IEEE Distinguished Lecturers)

D: speaker is an IEEE Distinguished Lecturer.

	Title of Presentation/Name of Speaker	Attendance			Category
		AP-S	Other	Total	
1	Jan. 6, 2014, “Substrate-Integrated mmW Antennas 60-270 GHz”, Prof. Zhi Ning Chen, IEEE Antennas and Propagation Society Distinguished Lecturer Program at Kaohsiung City, Taiwan.	8	80	88	D
2	Jan. 6, 2014, “Substrate-Integrated mmW Antennas 60-270 GHz”, Prof. Zhi Ning Chen, IEEE Antennas and Propagation Society Distinguished Lecturer Program, at Tainan City, Taiwan.	6	50	56	D
3	Jan. 21~23, 2014, “2014 Workshop on Electromagnetics - A Bridge to the Future”, EM Education Initiative-winter Program at Yu-Lin City, Taiwan.	30	150	180	M
4	March 14, 2014, “Technologies and Applications of Wireless Power Transmission”, Prof. Chin-Lung Yang at National Cheng Kung University, Tainan City, Taiwan.	2	35	37	M
5	April 1, 2014, “Introduction of RF circuit”, Dr. Yuan-Chih Lin at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	4	45	49	O
6	April 12, 2014, “Forum on Mobile Communication Technology”, Prof. Kin-Lu Wong at National Sun Yat-sen University, Kaohsiung City, Taiwan.	40	60	100	M
7	April 12, 2014, “Forum on Mobile Communication Technology”, Dr. Jeffrey Chen at National Sun Yat-sen University, Kaohsiung City, Taiwan.	40	60	100	O
8	April 12, 2014, “Forum on Mobile Communication Technology”, Dr. Peter Liao at National Sun Yat-sen University, Kaohsiung City, Taiwan.	40	60	100	O
9	April 26, 2014, “Mobile Phone Antenna Design and Application”, Dr. Yen-Liang Kuo at South Taiwan University, Tainan City, Taiwan.	1	40	41	O

10	April 30, 2014, “Antenna Isolation to Surrounding”, Dr. Yuan-Chih Lin at South Taiwan University, Tainan City, Taiwan.	1	40	41	O
11	May 3, 2014, “Introduction of Mobile Antenna Design”, Mr. Yui-Ting Chen at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	4	45	49	O
12	May 7, 2014, “Antenna Isolation to surrounding”, Dr. Yuan-Chih Lin at South Taiwan University, Tainan City, Taiwan.	1	40	41	O
13	May 17, 2014, “BT, Wifi and GPS Antenna Design”, Dr. Yen-Liang Kuo at South Taiwan University, Tainan City, Taiwan.	1	40	41	O
14	May 24, 2014, “Design of Front-end RF Circuit for Mobile Handset”, Mr. Kevin Liou at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	4	45	49	O
15	June 7, 2014, “Basic Antenna Concepts for Wireless Application (I)”, Mr. Huang at South Taiwan University, Tainan City, Taiwan.	1	30	31	O
16	June 9, 2014, “Antenna Design for Mobile Handset”, Dr. Pei-Lin Deng at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	4	45	49	O
17	June 14, 2014, “Basic Antenna Concepts for Wireless Application (II)”, Mr. Huang at South Taiwan University, Tainan City, Taiwan	1	30	31	O
18	Sept. 23, 2014, “Antenna Design and Applications for 5G System”, Prof. Kin-Lu Wong at Hsin-Chu City, Taiwan.	10	35	45	M
19	Oct. 10, 2014, “Mobile Phone Industry Evolution”, Dr. Yen-Liang Kuo at South Taiwan University, Tainan City, Taiwan.	1	40	41	O
20	Oct. 22, 2014, “MIMO Antenna Design”, Dr. Yuan-Chih Lin at South Taiwan University, Tainan City, Taiwan.	1	40	41	O
21	Oct. 25, 2014, “BT, Wifi and GPS antenna design and application”, Dr. Yen-Liang Kuo at South Taiwan University, Tainan City, Taiwan.	1	40	41	O
22	Nov. 04, 2014, “Antenna Isolation”, Dr. Yuan-Chih Lin at South Taiwan University, Tainan City, Taiwan	1	25	26	O
23	Nov. 05, 2014, “Patent Review On MIMO”, Dr. Yuan-Chih Lin at South Taiwan University, Tainan City, Taiwan.	1	25	26	O
24	Nov. 15, 2014, “Antenna Measurement”, Mr. Chang at South Taiwan University, Tainan City, Taiwan.	1	60	61	O
25	Nov. 17, 2014, “Antenna Design for Notebook”, Dr. Fan-Hsin Chu at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	3	22	25	O
26	Nov. 29, 2014, “Introduction to MIMO/CTIA/FCC SAR”, Mr. Chang at South Taiwan University, Tainan	1	60	61	O

	City, Taiwan.				
27	Dec. 08, 2014, “Introduction of Laptop Antenna Design”, Mr. Wen-Yu Lin at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	3	22	25	0
28	Dec. 15, 2014, “Introduction of Wireless Charge”, Mr. Tseng-Lin Lee at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	3	22	25	0
29	Dec. 22, 2014, “Mobile Antenna Design”, Mr. Chia-Ming Liang at National Kaohsiung Marine University, Kaohsiung City, Taiwan.	3	22	25	0

1. Jan. 6, 2014, “Substrate-Integrated mmW Antennas 60-270 GHz”, Prof. Zhi Ning Chen, IEEE Antennas and Propagation Society Distinguished Lecturer Program at Kaohsiung City, Taiwan.



2. April 12, 2014, “Forum on Mobile Communication Technology”, Prof. Kin-Lu Wong at National Sun Yat-sen University, Kaohsiung City, Taiwan.



3. April 12, 2014, “Forum on Mobile Communication Technology”, Dr. Jeffrey Chen at National Sun Yat-sen University, Kaohsiung City, Taiwan.



4. April 12, 2014, “Forum on Mobile Communication Technology”, Dr. Peter Liao at National Sun Yat-sen University, Kaohsiung City, Taiwan.



5. May 3, 2014, “Introduction of Mobile Antenna Design”, Mr. Yui-Ting Chen at National Kaohsiung Marine University, Kaohsiung City, Taiwan.



6. May 7, 2014, “Antenna Isolation to surrounding”, Dr. Yuan-Chih Lin at South Taiwan University, Tainan City, Taiwan.



7. June 9, 2014, “Antenna Design for Mobile Handset”, Dr. Pei-Lin Deng at National Kaohsiung Marine University, Kaohsiung City, Taiwan.



8. Oct. 10, 2014, “Mobile phone industry Evolution”, Dr. Yen-Liang Kuo at South Taiwan University, Tainan City, Taiwan.



3.3 Summary of Workshops, Short Courses, and Conferences for 2014

Include below a list of each workshop, short course, or conference that was organized or co-organized by your chapter. Include the title of the event, the dates of the event, a description of the event, and an indication of the level of involvement of your chapter. Please be specific about the role of your chapter in the event.

Academic Conferences and workshops

4. **Jan. 21~23, 2014, “2014 Workshop on Electromagnetics-A Bridge to the Future” (EM Education Initiative-Winter Program), Yu-Lin City, Taiwan. IEEE AP-S Tainan chapter: Technical co-sponsor.**
5. **April 12, 2014, Forum on Mobile Communication Technology**
6. **Dec. 02-05, 2014 International Symposium on Antennas and Propagation (ISAP) conference at Kaohsiung, Taiwan.**



7. **Dec. 03, IEEE AP-S Chapter Chair Meeting**



3.4 Special Projects

Give a description of any special projects that your chapter participated in during the year, and indicate any funding that was obtained from AP-S or other sources. If possible, indicate how your chapter was improved as a result of the special project.

4. DESCRIPTION OF OTHER ACTIVITIES

(This information is used in the selection of the Best Chapter Award)

4.1 Are there any ways in which your chapter has improved over last year?

Possibilities include increased attendance, number of meetings, level of activity, special activities, etc.

We arranged some technical Seminars with the Industries at Main China:

1. 2014/02/24, Terminal Device Antenna Technology (TDAT) Seminar at Shenzhen



Invited Speaker--Prof. Kin-Lu Wong





2. 2014/09/11, Terminal Device Antenna Technology (TDAT) Seminar at Shanghai



Dr. Chiu (Chair if IAET)



Dr. Lee



4.2. Were there any unique or innovative activities within your chapter?

Some possibilities that you might want to include are:

- Collaboration with other IEEE societies and chapters
- Student involvement and new member recruitment
- Interaction with industry or the community
- Educational activities

4.3. Miscellaneous information, elaboration on any of the above topics, or special factors to be considered.

1. Nov. 8, 2014, IEEE AP-S annual meeting, National Sun-Yen Seng Univ., Kaohsiung city, Taiwan.

1. SUGESSTIONS FOR AP-S

Please use this space to describe any suggestions you have regarding how the AP-S Society can better serve your Chapter (or all AP-S Chapters).

NIL

2. May this report be posted on the APS Chapters web page or disseminated by other means (Yes/No)? (By placing the report on the web page, you are allowing other chapters to have access to your chapter's new ideas and sponsored events. The sharing of your report is intended to promote a healthy interchange of information among chapters. A "yes" answer will be assumed if the question is left unanswered.)

Yes.