

The 11th Asia Pacific Heart Rhythm Society Scientific Session

17-20 October 2018, Taipei, Taiwan

The curtain fell on the 11th APHRS Scientific Session hosted by the APHRS and organized by the local organizing committee of the 11th Scientific Session after it successfully ran for four days from Oct. 17 to 20 at TICC & TWTC in Taipei with 3,341 participants from 58 countries attending.

Registration

[Breakdown of Participants by Country/Region]

No.	Country/Region	Number of Participants
1	Afghanistan	1
2	Argentina	1
3	Australia	136
4	Austria	3
5	Bahamas	1
6	Bahrain	1
7	Bangladesh	7
8	Belgium	6
9	Brazil	3
10	Brunei	4
11	Cambodia	10
12	Canada	11
13	China	445
14	Croatia	1
15	Czechia	2
16	Denmark	2
17	Egypt	1
18	France	6
19	Germany	14
20	Greece	1
21	Guatemala	1
22	Hong Kong	70
23	India	106
24	Indonesia	65

No.	Country/Region	Number of Participants
30	Macau	6
31	Malaysia	53
32	Monaco	1
33	Mongolia	6
34	Myanmar	15
35	Netherlands	8
36	New Zealand	17
37	Nigeria	1
38	Norway	1
39	Oman	1
40	Pakistan	1
41	Philippines	46
42	Poland	1
43	Russia	1
44	Saudi Arabia	2
45	Singapore	86
46	Slovakia	3
47	South Africa	2
48	South Korea	226
49	Spain	5
50	Sri Lanka	3
51	Sweden	2
52	Switzerland	3
53	Taiwan	675

25	Iran	1	54	Thailand	127
26	Israel	5	55	Turkey	2
27	Italy	10	56	United Kingdom	21
28	Japan	768	57	United States	271
29	Kazakhstan	1	58	Vietnam	72
				Total	3,341

Scientific Lectures & Faculties

This year's APHRS Scientific Session brought together 842 world-renowned faculties, and featured 326 sessions with 1,403 lectures taking place concurrently in 22 halls. Especially, Prof. Maurits Allessie (Netherlands) and Prof. Shih-Ann Chen (Taiwan) delivered the keynote lectures. The scientific meeting in Taipei this year provided a great opportunity to understand current medical issues and cutting-edge technology in cardiac arrhythmia: smart healthcare - Integrated Care & A.I Care. Nowadays, technology is reshaping the relationship between patients, healthcare providers, and the health system. And today's healthcare system has also recognized the advantages of using Information and Communication Technology (ICT) to improve the quality of healthcare, turning traditional into smart healthcare. Besides, lots of innovation in the mapping and ablation technology, and the device therapy were presented in the congress.



Prof. Shih-Ann Chen (Taiwan) delivered the keynote lecture.



Prof. Maurits Allessie (Netherlands) delivered the keynote lecture.

< Anatomy and Imaging Course >

The interactive cardiac Anatomy and Imaging course was organized by Dr. Hsuan-Ming Tsao and Dr. Jeong-Wook Seo. The session was comprised of two parts. The first part was a series of excellent lectures at noon on October 18 and 19. Many renowned experts, including Dr. Siew-Yen Ho from London, Dr. Jeong-Wook Seo from Seoul, and Dr. Osama Igawa from Tokyo, was invited to demonstrate the cardiac structure by using a human heart. These experts elucidated the clinical implications of Triangle of Koch, atrial muscle bundle and ventricular outflow tracts as well. On October 19, Dr. AJ Restrepo from Maryland and Prof. Wei-Chih Hu from Taoyuan shared their experience of the application of 3D printing in the clinical electrophysiology and congenital heart disease and the augmented reality (AR) of CT images for catheter ablation. The second part included heart specimens, 3D printing models and AR eyeglasses on display. The attendees could get hands-on at the booth, where the attendees could touch the hearts and acquire the accurate anatomical orientation of the structures.



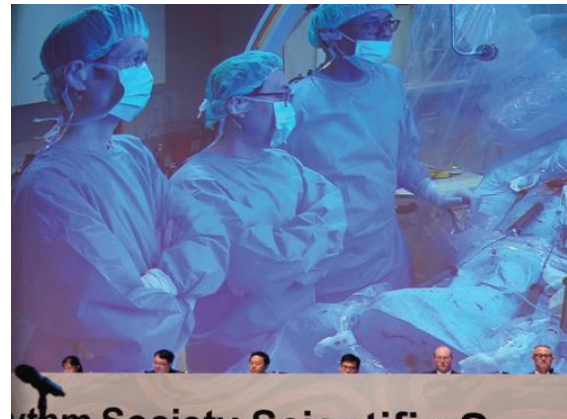
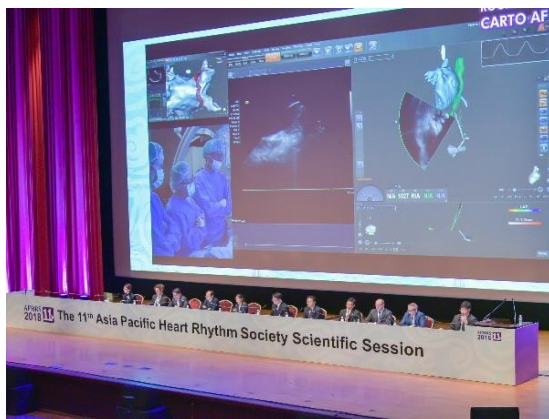
The Anatomy and Imaging Courses on 18th-19th were carried out by Professor Siew Yen Ho (UK), Hsuan-Ming Tsao (Taiwan), Osamu Igawa (Japan) and Jeong-Wook Seo (Korea)



Smart Healthcare lecture on October 18th - 20th.

<Live Demonstration>

This year, we tried something new in the Live Demonstration. Through the internet access and the satellite connection, we successfully presented the live demonstration from Taipei Veterans General Hospital (AF and VT ablation) and Cheng Hsin General Hospital (His bundle pacing and lead extraction) on the 3rd day of APHRS 2018. All the moderators and panelists led this live demonstration with great success. We are glad to announce that we offered the new platform for exchanging experience.



Live Demonstration on October 19th, regarding Device by Dr. An-Ning Feng and Dr. Ta-Chuan Tuan, and Ablation by Dr. Yenn-Jiang Lin, Dr. Shih-Lin Chang, Dr. Li-Wei Lo, Dr. Fa-Po Chung, Dr. Yu-Feng Hu, Dr. Chin-Yu Lin and Dr. Ting-Yung Chang

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[Breakdown of Session Categories]

Category	Sessions	Category	Sessions
AF	24	Learning from the Experts and Legends	7
Allied Professional	10	Live Demo	2
Autonomic Nervous System	2	Luncheon Symposium	21
Basic and Translational Medicine	17	Mapping Strategy	2
Case Sharing	3	Non-Invasive ECG	8
Chaired Poster	5	Nursing Care in Heart Rhythm	3
Cross-Strait Chinese Session	8	Oral Presentation	4
Device	36	Pediatrics	6
Drug	4	Policy and Practice	3
Education Course	13	Smart Healthcare	8
Fellowship Program	2	PSVT	4
Gap Junction	2	Risk Stratification	8
Genetics	8	Satellite Symposium	2
Guidelines	3	SCD	8
HF	12	Special Session	3
Highlight Session	3	Special Session for Asians	5
Image and Anatomy	10	Stem Cell	4
Industrial Mini-Seminar	16	Syncope	4
Joint Session	11	VT/VF	22
LAA	4	YIA	3
Late-Breaking Session	1	Young EP Club	3
			Total 326 Sessions

[Breakdown of Faculty Members by Country/Region]

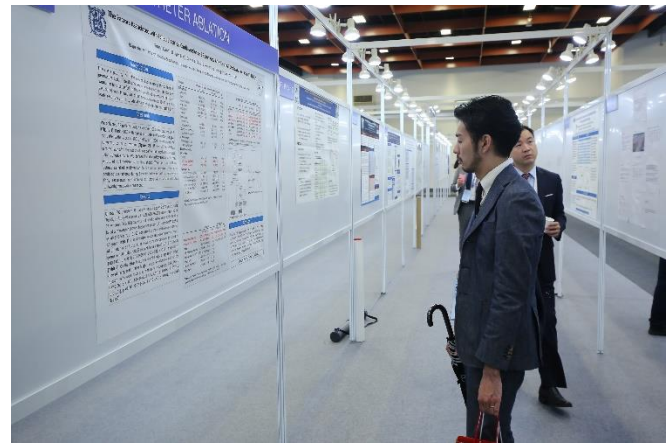
No.	Country/Region	Number of Faculties
1	Argentina	1
2	Australia	64
3	Bahrain	1
4	Bangladesh	1
5	Belgium	2
6	Brazil	1
7	Brunei	2
8	Cambodia	3
9	Canada	8
10	China	44
11	Czechia	1
12	Denmark	2
13	France	4
14	Germany	9
15	Greece	1
16	Hong Kong	22
17	India	39
18	Indonesia	15
19	Iran	1
20	Israel	3
21	Italy	9
22	Japan	185
23	Macau	1
24	Malaysia	8
25	Monaco	1

No.	Country/Region	Number of Faculties
26	Mongolia	2
27	Myanmar	4
28	Netherlands	5
29	New Zealand	7
30	Norway	1
31	Oman	1
32	Pakistan	1
33	Philippines	5
34	Poland	1
35	Saudi Arabia	1
36	Singapore	17
37	Slovakia	1
38	South Africa	1
39	South Korea	55
40	Spain	4
41	Sri Lanka	3
42	Sweden	1
43	Switzerland	2
44	Taiwan	162
45	Thailand	19
46	Turkey	2
47	United Kingdom	7
48	United States	101
49	Vietnam	11
Total		842

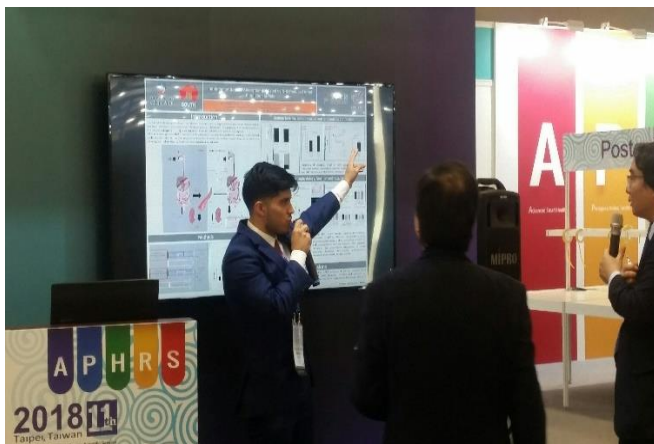
Abstract Submission

A total of 1,148 abstracts including late-breaking trial were submitted from 35 countries to APHRS 2018. Among them were 31 abstracts presented orally, 28 abstracts in Chaired Poster presentation, 17 abstracts at the Young Investigator Session, 6 abstracts in late-breaking research presentation, and 1,066 abstracts including late-breaking research in poster presentation. Young Investigator Award, Best Late Breaking Research Award and Best Poster winners were awarded at the Gala Dinner.

No	Country	Presentation Type						Total
		Oral Presentation	Late-Breaking Oral Presentation	YIA (Oral Presentation)	Chaired Poster Presentation	Poster Presentation	Late-Breaking Poster Presentation	
1	Australia			2	3	52	2	59
2	Austria					1		1
3	Bangladesh					3		3
4	Brunei Darussalam					2		2
5	Cambodia					1		1
6	China	7	1	2		104	4	118
7	Croatia					1		1
8	Czech Republic					1		1
9	Egypt					1		1
10	France				1	6		7
11	Germany		1			2		3
12	Hong Kong				1	6		7
13	India	3		1		70	2	76
14	Indonesia					41	1	42
15	Ireland					1		1
16	Italy					7	1	8
17	Japan	7	2	5	11	327	1	353
18	Kazakhstan					1		1
19	Korea	2		1	4	141	2	150
20	Lao					1		1
21	Malaysia	1				16		17
22	Myanmar					9	1	10
23	Netherlands					1		1
24	New Zealand	1				6		7
25	Pakistan					5		5
26	Philippines					15		15
27	Russian Federation					3		3
28	Singapore	1			1	20		22
29	Switzerland	1						1
30	Taiwan	4	1	3	5	99	1	113
31	Thailand				1	14		15
32	Turkey					1		1
33	United Kingdom	2	1	1		15		19
34	United States	2		2	1	67	2	74
35	Viet Nam					9		9
Total		31	6	17	28	1049	17	1148



Poster display and mounting during the 11th APHRS Congress



Presenters presenting their posters in the Chaired Poster Session.

<Young Investigator Award>

For the Young Investigator Award, our abstract reviewers picked out 18 potential candidates to compete with each other and present their latest research. The result of the YIA competition is listed as below:

YIA Award	The 1st Prize	The 2nd Prize	The 3rd Prize
Basic	Dr. Yimin Wuriyanghai, Japan	Dr. Shin Huei Liu, Taiwan	Dr. Baigalmaa Lkhagva, Mongolia
Clinical I	Dr. George Leef, USA	Dr. Ilaria Cazzoli, UK	Dr. Kikou Akiyoshi, Japan
Clinical II	Dr. Dhani Dharmaprani, Australia	Dr. Adam Lee, Australia	Dr. Naruya Ishizue, Japan

<Best Late Breaking Research Award>

In this year, the abstract reviewers have arranged a session for Late-Breaking Research competition, the 1st prize was awarded to Dr. Balbir Singh from India, the 2nd prize was awarded to Dr. Vishal Luther from UK, and the 3rd was awarded to Dr. Karl-Heinz Kuck from Germany.

<Best Poster Award>

From all 1,148 abstracts, our abstract reviewers selected 15 abstracts from different countries as the Best Poster Award candidates, the selected abstracts are divided into 5 Best Poster Award Sessions, the winners are listed as below:

Best Poster Award	The 1st Prize	The 2nd Prize	The 3rd Prize
Clinical I - Device	Dr. Chi Wing Wong, Hong Kong	Dr. Nobuhiro Nishii, Japan	Dr. Ami Isshiki, Japan
Clinical II - AF Ablation	Dr. Takashi Kaneshiro, Japan	Dr. Chieh-Mao Chuang, Taiwan	Dr. Emily Kotschet, Australia
Clinical III – Clinical Researches in Atrial Arrhythmias	Dr. Simon Salim, Indonesia	Dr. Geoffrey Wong, Australia	Dr. Takuya Omuro, Japan
Clinical IV – Clinical Researches in Ventricular Arrhythmias	Dr. Masateru Takigawa, France	Dr. Ching-Yu Julius Chen, Taiwan	Dr. Lisheng Lin, Japan
Basic – Basic and Translational Medicine	Dr. Jingshan Gao, Japan	Dr. Ricardo Mishima, Australia	Dr. Daun Jeong, Korea

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Dr. Yimin Wuriyanghai, YIA Basic the 1st Prize Winner.



Dr. George Leef, YIA Clinical-I the 1st Prize Winner.



Dr. Dhani Dharmapranj, YIA Clinical-II the 1st Prize Winner.



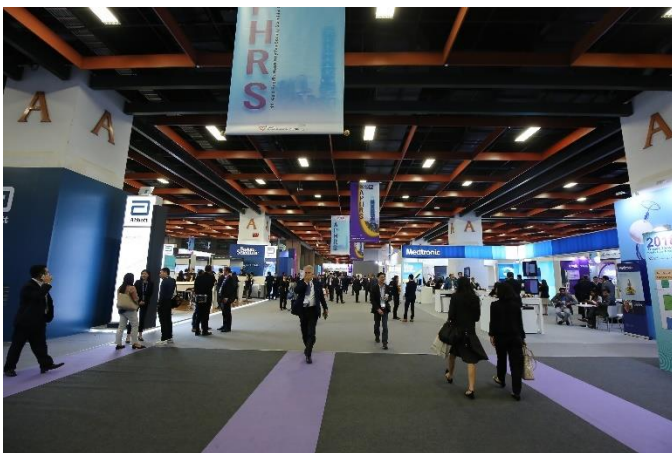
Dr. Jingshan Gao, Best Poster Award- Basic the 1st Prize Winner.



Dr. Simon Salim, Best Poster Award- Clinical III the 1st Prize Winner.

Sponsorship and Exhibition

APHRS 2018 was fortunate to experience outstanding support from the industry, not only through the diverse exhibition, but also through a number of industry run meetings and functions taking place both onsite during the meeting days and in the evenings, the hospitality area of sponsors is also provided at the second floor of exhibition area of TWTC which offer the superb chance for sponsors to communicate with the attendants. The exhibition also included a refresh area, where delegates were able to enjoy the native cuisine for free. Another unique highlight of APHRS 2018 was the congress built an area exclusive for the APHRS members to enjoy the special Refreshment with extra networking opportunity, what's more, the two theaters which located in the exhibition area also provide the great location for attendees to share their experience and to learn more! The special session- Interactive Cardiac Anatomy and Imaging course was taken the place at theater two, once our participant set foot in the Anatomy Theater, the journey will begin.



Press Conference

The Press Conference was held on 18th Oct 2018, TICC. It was led by Prof. Shih-Ann Chen, the president of APHRS 2018 Congress, and Prof. Mien-Cheng Chen, the president of Taiwan Heart Rhythm Society (THRS). During this conference, Prof. Thomas F. Deering, the president of the Heart Rhythm Society (HRS), and Prof. Hein Heidbuchelhe, the president of European Heart Rhythm Association (EHRA), were invited to sign and issue the Taipei Declaration, calling for the global treatment of atrial fibrillation and an increased commitment to stroke prevention.

The issue drew the media's attention and more than 10 national media attended this conference. This news was broadcasted subsequently on the most popular TV media in Taiwan, including CTI, SET, EBC and FTV. Besides, more than 40 reports were published in domestic newspapers and electronic Media. The issue was also discussed in 60+ reports in English and dominated the medical news in many renowned media, such as PR Newswire in USA, ChinaGoAround in China, Medicine Malaysia in Malaysia, IANS in India, Af Acrofan in South Korea, APBN in Singapore, ConnectWeb in Australia, etc.

Through more than 100 reports, Taipei Declaration successfully disseminated the importance and the urgency about Atrial Fibrillation and Stroke Prevention worldwide.



Opening Ceremony

The Opening Ceremony was held in Plenary Hall, TICC, on October 18th, 2018. President Tsai Ing-Wen, President of Taiwan was invited to attend APHRS 2018 Opening Ceremony and delivered a Welcome Address. Prof. Shih-Ann Chen, President of APHRS 2018 Congress, Dr. Jonathan Kalman, President of APHRS, Dr. Eric Prystowsky, Former President of HRS, Dr. Thomas F Deering, President of HRS and Dr. Hein Heidbuchel, President of EHRA, each delivered a Welcome Address. Plenary Lecture was delivered by Prof. Maurits Allessie.



*Opening address delivered by President Tsai Ing-Wen,
President of Taiwan*



*Opening address delivered by Dr. Shih-Ann Chen,
President of APHRS 2018 Congress.*



*Opening address delivered by Dr. Jonathan Kalman, President
of APHRS.*



*Opening address delivered by Dr. Eric Prystowsky, Former
President of HRS.*



Opening address delivered by Dr. Thomas F Deering, President of HRS.



Opening address delivered by Dr. Hein Heidbuchel, President of EHRA.

Social Program

Three official social functions were run as part of APHRS 2018

- The **Welcome Reception** was held in Banquet Hall, TICC. Delegates were able to stop for a drink and enjoy some food the evening after the opening ceremony. The movie which record the past journey of APHRS meetings is also published on spot for our guests to enjoy.



- The **Faculty Dinner** (*By Invitation Only) was held at the Silk Palace, near the famous **National Palace Museum**. Our Guests were invited to have a special tour at the museum first and enjoy the amazing dishes at the Silk Palace.



National Palace Museum Tour.



Prof. Wee Siong Teo, Prof. Young-Hoon Kim, Prof. Jonathan Kalman, Prof. Masayasu Hiraoka and Prof. Shih-Ann Chen (Left to Right) initiating dinner toast at the Faculty Dinner.

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- The **Gala Dinner** was held at the Grand Hotel which was established in May 1952 and the guests were welcomed to the enjoy the buffet at this one of the significant landmark in Taipei.



Prof. Shih-Ann Chen delivering a hand-over address to Dr. Tachapong Ngarmukos for the APHRS 2019 at the Gala Dinner.