

Prof. Chii-Ruey Tzeng

On behalf of the Aspire Board, we would like to wish the infertility and reproduction community a happy new year.

As we reflect on the past year, Aspire is grateful for all the support given to the society. Especially towards colleagues who have been putting enormous effort in raising awareness and improving knowledge of infertility related services and ART through initiatives such as the Aspire Masterclasses, Educational Portal (Available for Aspire Members), Aspire Sessions and an ASPIRE-ISAR Certificate Course that is currently on trial.

With the overwhelming response received from the pioneer Masterclass that was held in Siem Reap, Cambodia on Male Infertility, Aspire will be continuing the programme which focuses on teaching two significant topics every year. The Masterclasses organised this year were on PCOS and PGD/PGS, held in Hanoi, Vietnam and Beijing, China respectively, and both have concluded on a successful note.

An educational portal was developed to bring our members a platform for continued learning, this portal captures all the approved lecture slides by our invited speakers in all Aspire education programme, including the congresses and masterclasses. To allow equal opportunity for colleagues in the field to be part of Aspire, a membership drive was launched offering an exclusive subscription rate available till 31 March 2018.

Experts in the Aspire community was also involved with Aspire Sessions in related meetings and congresses such as Indian Society of Assisted Reproduction (ISAR) 2017, American Society for Reproductive Medicine (ASRM) 2017, Asia and Oceania Federation of Obstetrics and Gynaecology (AOCOG) 2017 and 19th World Congress on In Vitro Fertilization in conjunction with VI. Society of Reproductive Medicine and Surgery Congress (ISIVF) 2017.

Message

from the

PRESIDENT'S DESK



With a mutual interest with ISAR to promote education and training in ART and Infertility related services with an aim of bringing parity in practices in the developing & developed countries, we have launched a trial on an Aspire-ISAR Certificate Course, with a learning curriculum of one year including a one-month observership programme and affiliated centres.

The bi-annual Asia Pacific Initiative on Reproduction (Aspire) congress was also converted into an annual congress to ensure that the community remains involved in a platform that teaches and provide them opportunity to discuss advancements timely.

As we approach a new year, Aspire is busy preparing for its 4th Masterclass on Embryo Implantation which will be held in Bangkok, Thailand from 25 – 26 January 2018.

We are also excited to run the 8th Asia Pacific Initiative on Reproduction (Aspire 2018) from 12 – 15 April 2018 in Taipei, Taiwan. Participants should look forward to an exciting learning experience from our invited luminaries through pre-congress workshops, keynote lectures, concurrent sessions, commercial symposia and free communications sessions.

In the year of 2018, Aspire invites you to play your part in raising Aspire, a society dedicated to develop and advance fertility services and knowledge in the Asia-Pacific region, to a new level of excellence in the infertility and ART field.

Going where ideas and science take us



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OG/003/0117/SG



Aspire 2018 12-15 APRIL 2018
TAIPEI, TAIWAN



The 8th Congress of the Asia Pacific Initiative on Reproduction – Precision Medicine in Human Reproduction –

The 8th Congress of the Asia Pacific Initiative on Reproduction (ASPIRE 2017) will be held at Taipei, Taiwan from 12 – 15 April 2018.

The congress will be structured around pre-congress workshops, keynote lectures, concurrent

sessions, commercial symposia, free communications, exhibition and social events.

Leading lights in the field will be invited to share their powerful insights into the latest research and treatment options and remain ahead of the curve on all

the significant developments and advancements that will impact the future of fertility preservation, embryology, andrology, clinical trials, PCOS, PGS, IVM, and related fields.

Keynote Speakers

- Prof. Chii-Ruey Tzeng, Taipei Medical University Hospital, Taipei, Taiwan
- Prof. Johannes L.H. Evers, Maastricht University, Maastricht, Netherlands
- Prof. R. Jeffrey Chang, UC San Diego, San Diego, USA
- Prof. Linda Giudice, University of California, California, USA
- Prof. Catherine Racowsky, Harvard Medical School, Boston, USA
- Prof. Bart Fauser, University of Utrecht, Utrecht, Netherlands
- Prof. Dror Meirow, Tel Aviv University, Tel Aviv, Israel
- Prof. Katsuhiki Hayashi, Kyushu University, Fukuoka, Japan

Learn more about our invited experts on www.aspire2018.com

The abstract submission for Aspire 2018 is closed and we have received over 336 abstracts submitted from more than 20 countries. These submitted research papers will enhance the scientific programme, giving us first-hand discussion and sharing on rising topics.

The presence of leading pharmaceutical and healthcare product companies will keep all of us up-to-date on the latest treatments and technologies.

KEY NOTE SPEAKERS



Chii-Ruey Tzeng

(TAIWAN)



R. Jeffrey Chang

(USA)



Dror Meirow

(Israel)



Catherine Racowsky

(USA)



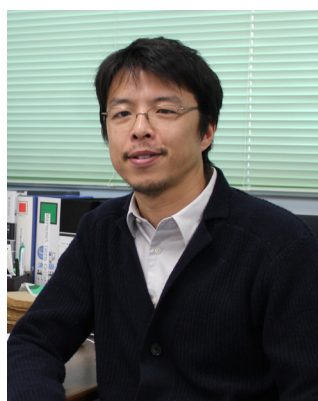
Linda Giudice

(USA)



Bart Fauser

(Netherlands)



Katsuhiko Hayashi

(Japan)



Johannes L.H. Evers

(Netherlands)

ASPIRE Session at ASRM 2017

ASPIRE recently held a session on Advances in understanding oocyte structure and function at the 2017 ASRM Scientific Congress & Expo in San Antonio, Texas, United States.

The session was held on Monday, 30 October 2017 from 16:00 –

17:30. The session covered “Assessing Oocyte and Embryo Quality by Mitochondrial Function” by Prof Chii-Ruey Tzeng, ASPIRE President; “R Metabolism and Physiology of the Human Embryo” by Prof David Gardner, University of Melbourne and “The Nature of

Sperm Egg Interaction and Implications for Understanding of Oocyte Function” by Prof Umemoto Ohto, University of Tokyo. The session was chaired by Prof Atsushi Tanaka, Aspire Board Member.

You can now become a member of ASPIRE for 2018 and beyond.

Aspire, the Asia Pacific Initiative on Reproduction was founded in 2001 to improve knowledge and awareness of ART and infertility-related services, with an ultimate aim of improving the quality of patient care. The society has been active in providing a platform for professionals in this field to share experiences and

information in the development and advancement of fertility services in the Asia-Pacific region. To grow the Aspire community and welcome all fellow colleagues in the Asia Pacific region, we are happy to announce that Aspire will be running a membership drive from now till 31st March 2018, offering an exclusive membership

subscription rate of SGD 10 per year. Furthermore, we are also offering subscription plans that allow you to auto-renew your membership or the next 3 years or the next 5 years.

*EXCLUSIVE MEMBERSHIP SUBSCRIPTION PLANS TILL 31ST APRIL 2018

1-Year Membership
SGD 10
(usual rate: SGD 90)

3-Years Membership
SGD 30
(usual rate: SGD 270)

5-Years Membership
SGD 50
(usual rate: SGD 450)

MEMBERS BENEFITS

- Access to the online ART Directory
- Access to Aspire Educational Portal*
- Reduced registration fee to Aspire Congresses and Masterclasses (NEW)
- The opportunity to participate in the “Call for Bids” to host Aspire congresses
- Free newsletter and regular updates on Aspire’s activities
- The chance to participate in Aspire’s projects and host regional events
- The right to attend and vote at General meetings of the Society

*ASPIRE Education Portal archives approved speakers’ presentation slides from our congresses or masterclasses for continual learning exclusively for Aspire members.

Members of the Asia Pacific Initiative on Reproduction are given the unique opportunity to liaise with key leaders and researchers in the field of infertility and ART. ASPIRE membership is open to qualified doctors, certified nurses, counsellors, biologists and any other professionals working in this field.

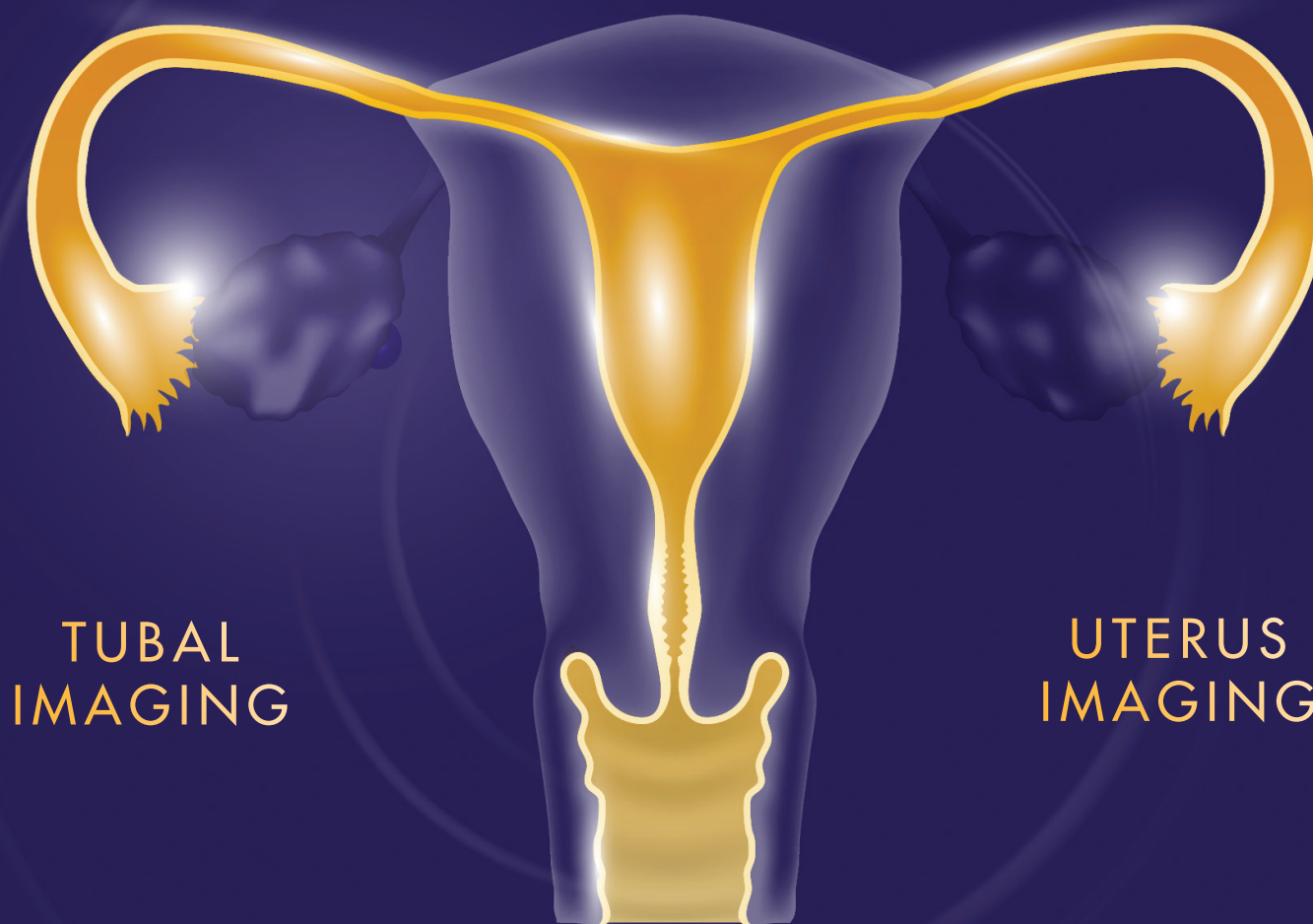


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For a copy of the SPC, please contact a member of Guerbet.

1. Lindequist S, Justesen P, Larsen C, Rasmussen F. Diagnostic quality and complications of hysterosalpingography: oil- versus water-soluble contrast media—a randomized prospective study. *Radiology*, 1991;179:69–74.
2. Nunley WC JR, Bateman BG et al. Intravasation during hysterosalpingography using oil-base contrast medium—a second look. *Obstetrics and Gynecology*, 1987; 70:309–12.
3. Johnson NP, Farquhar CM et al. The FLUSH Trial—Flushing with Lipiodol for Unexplained (and endometriosis-related) Subfertility by Hysterosalpingography: a randomized trial. *Human Reproduction*, 2004: Vol.19, No.9: 2043–2051.
4. Johnson NP, Kwok R et al. Lipiodol fertility enhancement: two-year follow-up of a randomized trial suggests a transient benefit in endometriosis, but a sustained benefit in unexplained infertility. *Human Reproduction*, 2007: Vol.22, No.11: 2857–62.
5. Brent K, Hadden WE et al. After the FLUSH trial: A prospective observational study of lipiodol flushing as an innovative treatment for unexplained and endometriosis-related infertility. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, 2006; 46(4): 293–297.
6. Mohiyiddeen I, Hardiman A, Fitzgerald C, Hughes E, Mol BJ, Johnson N, Watson A. Tubal flushing for subfertility. *Cochrane Systematic Review*, 2015.

Thank You, Participants at ASPIRE 3rd Masterclass on PGD and PGS

Preimplantation Genetic Screening (PGS) and Preimplantation Genetic Diagnosis (PGD) are increasing requested by couples who are undergoing infertility treatments. Knowledge of PGS and PGD is therefore integral to contemporary fertility care.

The 3rd Aspire Masterclass was organised under the theme of "Preimplantation Genetic Testing: Screening and Diagnosis" and offered a platform and opportunity for practitioners around Asia Pacific to keep abreast of the latest developments and technologies in the area of PGD/PGT.

For the first time, Aspire Masterclass integrated a Hands-on Training Workshop on Biopsies and received an overwhelming subscription. The workshop was held on 11 October 2017 at the Reproductive Medical Center of Peking University Third Hospital, Beijing, China. The next 2 days which was held at the Hongxiang Hall, Excemon Beijing Hongxiang Hotel from 12 – 13 October 2017 were focussed on scientific teaching and discussions. The programme was structured around scientific lectures and difficult case sharing and discussions. The masterclass was attended by a total of 75 participants from China, India, Indonesia, Japan, Malaysia,

Philippines, South Korea, Taiwan, Thailand, Vietnam, United Kingdom and Australia.

We are honoured to have field experts -Dr George Liperis (Australia), Dr Jan Liebelt (Australia), Dr Clare Boothroyd (Australia), Dr Alpesh Doshi (United Kingdom), Dr Wong Pak Seng (Malaysia), Dr Hiroki Kurahashi (Japan), Dr Yan Junhao (China), Prof Xu Yanwen (China), Assoc. Prof Yang Yu, China, Dr. Jin Huang, China, Prof. Jie Qiao, Dr Alan Thornhill (United Kingdom) and Dr Eileen Tan (Singapore) to share their knowledge among the community of growing doctors, research fellows and scientists.



Associate Prof. Louise Hull

Australia



Country Representative

2017 has brought several regulatory changes to the ART industry in Australasia. The NHMRC ethical guidelines for ART in clinical practice and research were published this year and updated several aspects of practice including:

- The ability to reallocate embryos created from donated gametes or donated embryos with appropriate transparency and counselling of all parties
- The possibility of importing gametes and embryos from overseas provided the process meets the Australian standards for counselling and consents. A person conceived from an overseas donation needs to be able to access information about the donor and the gametes and embryos cannot be purchased for use in Australia.
- The 10 year limit on storing frozen embryos has been lifted and they can be stored for an indefinite time.

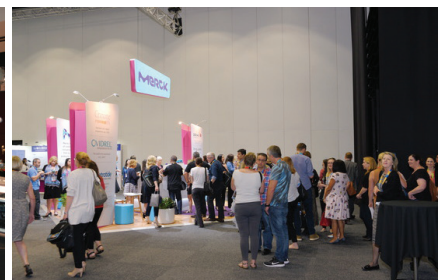
A new code of practice has also been introduced by the Reproductive Technology Accreditation Committee (RTAC) under the stewardship of Dr Phil Matson. Some changes are:

- All units must have considered disaster management and have in place policies and procedures for dealing with disaster.
- Information and communication in the public domain is now required to be audited internally against RTAC requirements.
- Review of pregnancy rates against the Australian and New Zealand Assisted Reproduction Database (ANZARD) is required with investigate if the pregnancy rates are below the 25th percentile.

A review of the international RTAC code of practice has commenced and ASPIRE as a key stakeholder will be asked to provide feedback on the revised international Code. The Fertility Society of Australia convened its annual meeting in Adelaide this year. Professor

Kelton Tremellen organised an exciting program that included international speakers Professors Lorraine Culley, Nick Macklon, Catherine Racowsky and Julian Savulescu. Strong local speakers such as Prof Sarah Robertson, Prof Ben Mol, Prof Michelle Lane and

Prof Sheryl De Lacey complemented national experts including Prof Bill Ledger, Dr Gavin Sacks, Prof Bu Yeap among many others. As usual, the social program was highly successful and enjoyed by all.



Prof. Atsushi Tanaka

Completion of 1st ASPIRE-ISAR Certificate Course's Observership Programme

Our Centre, the Saint Mother Hospital recently completed the hosting of the Aspire's first ASPIRE-ISAR Certificate Course Observer-ship programme for five doctors from India. The doctors started their training course on 6th November 2017 and have enthusiastically shared their learning objectives before the start of the observership.

The local doctors in Saint Mother Hospital guided and showed them routine oocyte pick up, embryo transfer, laparoscopically operations (IVA, Drilling, myomectomy, cystectomy, re-canalization with catheter, GIFT, ZIFT), hysteroscopy.

In the Laboratory, embryologists showed them routine work; preparations for IVF, ICSI and ROSI and cryopreservations for oocyte, embryo, sperm, spermatid and ovarian tissues. In the last two weeks, they practiced the procedures of ROSI, cryopreservation of 5-9 sperms and unfertilized oocytes.



Country Representative Japan

We had discussions about minimal stimulation, luteal support, poor responder, cytoplasmic transfer to rescue aged oocyte, recurrent miscarriages (paternal leukocyte immunization), recurrent fertilization failure (oocyte activation) , endometrial microbiota with NGS.

Furthermore, during their observership period, the Aspire President, Prof Chii-Ruey Tzeng, who was in Japan for the JSRM (Japan Society of Reproductive Medicine) meeting in Shimonoseki also dropped by the hospital and presented a 60 minutes lecture about mitochondria from basic research to clinical treatment.

Please enjoy the attached pictures taken during their time at our institution. Prof Tzeng dropped by our hospital and gave them a 60 min lecture about mitochondria from basic research to clinical treatment on his way to the JSRM (Japan society of reproductive medicine)meeting in Shimonoseki city where he was an invited speaker.

Hands on training for sperm freezing



Dr Payal Bajaj

Dr Yuvraj Jadeja



Dr Shruti Gadekar

Hands on training for ROSI



Group photograph with Lab staff



Discussion & Group photograph with Lab staff



Lecture by Prof. Tzeng



Dr. Haroon Latif Khan

Pakistan

5th International Conference on Reproductive Health & ART and 2nd International Conference on Gynaecological Endoscopy

21st-22nd October, 2017, Nishat Hotel, Emporium Mall, Lahore Pakistan



Country
Representative

Main Organizers:

IVF Society of Pakistan

Minimally Invasive Gynaecological Surgery Unit

Organizing Committee:

Dr. Rashid Latif Khan (Patron)

Dr. Farrukh Zaman (Patron)

Dr. Muhammad Tayyab (Chairperson ART)

Dr. Zohra Khanum (Chairperson Gynaecological Endoscopy)

Dr. Haroon Latif Khan (General Secretary)

Dr. Yousaf Latif Khan (Scientific Secretary)

Main Sponsors:

OBS Pakistan Pvt Ltd (Platinum Sponsor)

High-Q Pharma (Gold Sponsor)

Merck Serono (Silver Sponsor)

The event:

1. Workshops

- Hands on Workshop on IUI
- Hands on Workshop on TVS
- Hands on Workshop on Laparoscopic & Endoscopic Surgery
- Non Invasive Prenatal Testing (NIPT)

2. Scientific Session:

- Total number of papers presented 51
- Number of sessions 16
- One Round Table Session
- Two Plenary Sessions
- 4 Panel Discussions

Goals:

The objective of this conference was to promote interaction between specialists to share new trends in Assisted Reproductive Techniques, Endoscopic Surgery and recent trends in Obstetrics & Gynaecology.

Attendants:

About 650 participants attended the conference and 150 participants attended the workshops. 20 Pharmaceutical companies sponsored the exhibition.







Board Member

Prof. Rashida Begum
Dr. Nusrat Mahmud
Bangladesh

**Country
Representative**

Infertility is a global social problem for women not only in Bangladesh but all over the world. Wherever she goes she is the victim of circumstances and has to answer to everyone asking her the same "When are you planning to have baby?" Difficult question to answer and that puts lots of mental pressure for her.

To provide service to these vulnerable members of our society Fertility and sterility Society of Bangladesh has been hosting CME program for the management of infertility in different parts of the country to train doctors. Awareness program has been arranged to train local general practitioners how to manage infertility in primary and secondary care levels.

To make ASPIRE familiar among the local physicians, ASPIRE board member Dr. Rashida Begum and country representative Dr. Nusrat Mahmud organizes seminar and awareness program in different parts of the country.

A CME on "Recent Updates in Infertility Management" was held on Thursday 11th November 2017 at Dhaka Club Limited, Dhaka, Bangladesh. Professor T A Chowdhury, President of Fertility & Sterility Society of Bangladesh (FSSB) inaugurated and chaired the program.

A lively interactive question answer session made the audience clear in their understanding.

CME on Basic Management of Infertility held on Infertility Care & Research Center, Dhaka on 17th November, 2017. Young Gynecologists who has an interest on Basic management of Infertility,

attended in that program. Professor Rashida Begum, Board member ASPIRE and Chief Consultant Gynecologist, ICRC organized the program.

ASPIRE is becoming familiar in local doctors. ASPIRE-2017 in Malaysia were attended by a good number of participants. Looking forward to host an ASPIRE meeting here in Bangladesh.

We are working for the membership drive and lot of doctors have shown interest to be the part of ASPIRE and also wants to attend upcoming ASPIRE 21018.




INVITATION

CME on RECENT UPDATES IN INFERTILITY MANAGEMENT

Date : Saturday, 11 November 2017
Time : 9:00 am
Venue : Samsen H Chowdhury Centre (1st Floor), Dhaka Club Ltd.

Organized by
Fertility & Sterility Society of Bangladesh (FSSB)



PROGRAMME SCHEDULE		
Registration : 9:30 am		
Time	Topic	Speaker
9:45 am	Welcome Address	Prof. T. A. Chowdhury
10:00 am	Scientific Session-1	
	• Social & psychological impact of infertility	Prof. Parveen Fatima
	• Role of imaging, hysteroscopy & biopsy in assessment of male infertility	Dr. Nusrat Mahmud
	• How ovulation induction can be made more effective	Dr. Maruf Siddiqui
	• Should hysterosalpingography be done more frequently?	Prof. Mahin Rashid
	• Role of tuboplasty in improving fertility status	Prof. T. A. Chowdhury
11:00 am	Tea Break	
11:30 am	Scientific Session-2	
	• Management of patients with PCOS	Prof. Firoza Begum
	• Assessment of ovarian function and its implication	Prof. Mesummat Rashida Begum
	• Treatment of a small chocolate cyst in the ovaries	Dr. Tarzameen Sabina Chowdhury
	• Should gamma and embryo donation be encouraged in the country?	Dr. Marium F. Shati
	• Role of hysteroscopy in improving female fertility	Prof. Laila A. Benu
12:30 pm	Interactive Q/A Session	Moderator: Prof. T. A. Chowdhury
1:30 pm	Vote of Thanks	
1:40 pm	Lunch	

Dr. Hemashree Rajesh

Singapore Report



Country
Representative

The treatment of malignancy has made rapid progress today and the quality of life after a malignancy merits strong consideration.

Reproduction after a malignancy is possible, and should be discussed with forethought during the treatment of cancer.

We recently held our 4th SOAR (Starting out on Assisted Reproduction) workshop in September 2017. This was the first subspecialty oncofertility SOAR workshop and included both local faculty and international faculty Dr. Hila Ranaani from Sheba Medical centre and Dr. Ingrid Segers from the University of Brussels. This workshop aimed to promote the awareness and options of fertility preservation

and the ethical and technical challenges involved in the counselling.

The course was attended by around 50 delegates from the region and was well received. The next SOAR workshop would be held in May 2018 at Singapore.



ASPIRE BOARD MEETING HELD IN DECEMBER 2017

SITE VISIT for ASPIRE 2019, Hong Kong





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