

Agenda: AFOMP Council Meeting : AOCMP 2020

Date: December 4th

Time: 12.00-13.00 sharp

Place: Room Duangmanee, Pukhet, Thailand

Mode: Virtual

Attendance: online

Presided by: AFOMP President

- Welcome speech By President Prof Arun Chougule
- President's report (Arun Chougule)

AFOMP President Report

I am thankful to all the AFOMP EXCOM for their active participation and support in carrying out the responsibility. I also thank all the NMO's for their response to my call so as to increase the visibility of medical physicist and increase the status of the profession.

Some of the points which needs mention in the report are

1. ACPESM accepted our request to hold AOCMP2019 along with EPSM2019 at Perth. Australia, during 28-30 October 2019. This arose due to sudden backing out of Kuwait organisers and MEFOMP of AOCMP2019 at Kuwait. The conference organisers provided subsidised registration fees to AFOMP members as compared to ACPESM members, we appreciate it. The conference went very well with good participation from AFOMP member countries. We received a good share from the savings of AOCMP-EPSM2019, thanks to EPSM2019 organisers and ACPESM.
2. The Prof. Kiyonari Inamura Memorial AFOMP orator 2019 was Prof. Kwan Hong Ng. AFOMP provided 08 travel grants to AFOMP delegates for facilitating the participation in AOCMP2019
3. As AFOMP was founded in May 2020, AFOMP EXCOM decided to celebrate 2020-21 as AFOMP 20 th Anniversary year. A special logo for this occasion was developed
4. In 20 th anniversary year, AFOMP decided to start AFOMP Life time achievement award. Thanks to Eva Bezak, Chair AHC and the members for the hard work in preparing the guidelines, application forms and assessing/evaluating the applications received very meticulously. This year's AFOMP Life time achievement awardees are Dr. Anchali Kisanachinda and Dr. Donald Maclean
5. On 20 th Anniversary year AFOMP decided to recognise and honour medical physicists from AFOMP region who have contributed to AFOMP, to medical physics education, professional development and research. AFOMP outstanding Medical physicists award was executed, thanks to Eva Bezak, Chair AHC and the members for the hard work in preparing the guidelines, application forms and assessing/evaluating the applications received very meticulously. Twenty one awardees are selected, the flyer prepared and circulated, put on AFOMP website.
6. Journal of Medical Physics [JMP] was accepted as one the three AFOMP official journals
7. AFOMP decided to encourage the research article submission to the AFOMP official journal and decided to award one publication every year from the AFOMP official journal as best research publication, to be awarded cash prize and certificate. All the three journals agreed to contribute US\$ 1000, one time support, to sustain the award. JSMP has already deposited US\$1000. Thanks to all.
8. To sustain the activities of AFOMP, it was decided to raise the corpus funds of AFOMP and hence corporate membership for 5 years by paying US\$ 5000 is planned. We have received US\$ 5000 each [Total US\$ 15000] from three corporate, PTW, Sun Nuclear and ROSALINA. Communications are going on with many manufactures, marketing companies; everyone's support to increase the corpus fund is expected.
9. The unprecedented COVID19 pandemic has also affected AFOMP activities and participation, however to rise to the occasion and to keep continued activities, all efforts are made. AFOMP started a COVID19 resource page on AFOMP website

10. AFOMP brought out guidelines for medical physicists in radiation oncology to cope up COVID19 also AFOMP brought out guidelines for radiology staff during COVID19
11. AFOMP started monthly virtual webinars since June 2020 and getting very good response. The schedule for January – June 2021 monthly virtual webinar is finalised and released. To help participants to get CPD accreditation and CME points, the webinars are accredited by ACPESM with 2 CME points each webinar. The participants are provided with certificate.
12. AFOMP celebrated IMPW2020 by arranging two virtual webinars, on 11 and 14 May, 2020
13. AFOMP celebrated IDMP2020 by arranging virtual webinar on 7 th November 2020
14. Due to COVID19 pandemic, the organisers of AOCMP2020 have hard time, the conference now planned to be hybrid mode.
15. The Prof. Kiyonari Inamura Memorial AFOMP orator 2020 is Prof. K Y Cheung
16. On the occasion of 20 th Anniversary of AFOMP, MPI journal is bringing out special issue, all NMO's were chased to submit the article. AFOMP is submitting the article
17. Prof. Tae Suk Suh, Immediate past president is awarded IDMP2020 award, congratulations.
18. In AFOMP region, S Korea, three universities providing medical physics education are accredited by IOMP.
19. The AOCMP2021 will be held in COX Bazaar, Bangladesh during 10-12 December 2021
20. AFOMP website is updated frequently to provide the relevant information.

I thank each one of you for your support, directly/indirectly, for discharging my duties as President AFOMP. We hope and wish that the COVID19 pandemic gets over soon and the world comes to normal

- **Treasurer's report (Kwan Hoong Ng)**

Attached

- **Report by Chair: Education & Training Committee (Jin Xiance)**

The year 2020 came unexpected with the outbreak of covid19. The whole world is changed dramatically by this pandemic, with no exception of medical physics community.

In order to reduce the impact of covid19, and to ensure that cancer patients receive radiotherapy in a safe and orderly way during the pandemic, education and training committee (ETC) of AFOMP released "AFOMP GUIDELINES ON RADIATION ONCOLOGY OPERATION DURING COVID-19" with the help of President Dr. Arun Chougale and EXCOM on April 4th. This guideline was developed for use in radiation oncology with a particular perspective of medical physics. The guideline was circulated among AFOMP members and medical physics community, and received many positive responses. On April 29th, medical physics for world benefits (MPWB) invited ECT chairman, Dr. Xiance Jin, and scientific committee chairman, Professor Tomas Kron to give a talk through webinar on "International Medical Physics Guidelines for COVID-19" for medical physics community worldwide.

Due to the spread of covid19, on site international meetings were canceled for 2020. In order to enforce the continuous education for young medical physicists, under the supervision and help of professor Arun Chougale and EXCOM, with the close work with scientific committee and professional development committee, ECT of AFOMP organized monthly online webinar for medical physicists in AFOMP regions and worldwide. An average of 350 participants joined monthly webinar.

The Webinar is endorsed by the Australasian College of Physical Scientists & Engineers in Medicine (ACPSEM) and is accredited with 2 CPD points for each one.

Thanks for the organization of Professor Kwan H Ng, ECT of AFOPM organized medical physicists from the AFOMP regions, contribute a chapter on “Asia Pacific Chapter of Medical Physics during the COVID-19 Pandemic: Clinical Practice, Teaching and Research” to a Taylor and Francis Focus Series book: Medical Physics during the COVID-19 Pandemic: Clinical Practice, Teaching and Research. The authors contributed to the chapter are: Xiance Jin (Radiation and medical Department, First Affiliated Hospital of Wenzhou Medical University, Wenzhou, China, 325000), Fu Jin (Department of Radiation Oncology, Chongqing University Cancer Hospital, No. 181, Hanyu Road, Shapingba District, Chongqing City, 400030), Hasin Anupama Azhari (Department of Medical Physics and Biomedical Engineering, Gono Bishwabidyalay University, Bangladesh), Woo Sang Ahn (Department of Radiation Oncology, Gangneung Asan Hospital, University of Ulsan College of Medicine, 25440, Korea). Cheryl Lian Pei Ling (Singapore Institute of Technology, Singapore), Congying Xie (Radiation and medical Department, Second Affiliated Hospital of Wenzhou Medical University, Wenzhou, China, 325000), Huiyu Tsai (Department of Nuclear Engineering and Science, Institute of Nuclear Engineering and Science, National Tsing Hua University, Taiwan). This book chronicles the experience, innovative strategies and contribution of global MP community to healthcare during the COVID-19 pandemic.

It is still not clear when the covid19 will pass. It may last for the following two to three years, at least it will continue to affect our normal years for the following few years. ETC of AFOMP will continue to figure out a better way to serve our community in the AFOMP regions.

Table 1 The schedule of AFOPM monthly webinar.

Sr. No.	Date of webinar	Speaker	Topic	Moderator
01	5 June 2020	Prof. Tomas Kron & Dr. Peta Lonski	Total Body Irradiation with X-rays and Electrons: Dosimetry and Techniques	Dr. Jin Xiance
02	2 July 2020	Prof. Arun Chougule	Radiobiology of Radiotherapy - NSD to BED	Dr. Chain Yeong
03	6 August 2020	Prof. James Lee	Proton Beam Therapy in Singapore - the NCCS journey so far	Prof. Anupama Azhari
04	3 September 2020	Prof. Abu Zakaria	Dosimetry of Small Photon Radiation Fields: Comparison of the IAEA TRS-483 and the German DIN 6809-8 protocols	Dr. Kanchan Adhikari
05	1 October 2020	Dr. Chai Yeong	Establishment of nuclear medicine facility and radiopharmaceuticals in nuclear medicine	Dr. J. Jeyasugithan
06	5 November 2020	Prof. Arun Chougule	Dose reference levels - DRL	Dr. Michale Lee
07	4 December 2020	Prof. D.N. Sharma	Recent advances in brachytherapy and challenges	Dr. Delmar Arzabal
08	07 January 2021	Dr. Dayanand S Shamurailatpam	Proton Therapy: Why and How?	Dr. Md Akhtaruzzaman
09	11 February 2021	Dr. Eva Bezak	An overview of targeted beta and alpha therapies	Dr. Mary Joan
10	04 March 2021	Prof. Chen Shou Chui	IAEA TRS-398 "Absorbed Dose Determination in External Beam Radiotherapy"	DR. V. Subramani
11	01 April 2021	Prof. Hossein	Biological paradigms affecting radiotherapy outcome.	Dr. Jeannie Hsiu Ding

		Mozdarani		Wong
12	06 May 2021	Dr. Hyun-Tai Chung	Basic principles, dose planning, advantages and quality assurance of a Gamma Knife Radiosurgery	SupriyantoArdjoPawiro,
13	03 June 2021	Dr. Yibao Zhang	Knowledge-based planning: research and practice for cancer treatment	Dr. Mary Joan

- Report by Chair: Professional Development Committee (Chai Hong)

Report from the Professional Relations (PRC) Committee 2020

Advisors: Prof Dr Anchali Krisanachinda (Thailand)

Prof Dr Kwan Hoong Ng (Malaysia)

Chair: Assoc. Prof. Dr Chai Hong Yeong (Malaysia)

Committee: Prof Dr Arimura Hidetaka (Japan)

Dr Brad Cassls (Australia)

Dr Jia-Cheng Lee (Taiwan)

Dr Kitiwat Khamwan (Thailand)

Dr Mary Joan (India)

Dr Supriyanto Ardjo Pawiro (Indonesia)

Dr Yuchuan Fu (China)

Terms of Reference:

- To promote and support international cooperation on continued improvement on medical physics professions in the Asia-Oceania region.
- To advice on and promote the standards of practice in medical physics and professional conduct.
- To identify the needs for professional relations and professional standards development through symposia, conferences, regional meetings, workshops, etc. and assist with the organization of these activities.
- To assist regional or national medical physics organizations to prepare AFOMP sponsorship proposals for professional relations meetings.
- To consider applications from national and regional organizations for sponsoring or endorsing meetings.
- To manage the AFOMP travel support programs.
- To prepare or provide support to develop where appropriate, policy statements, professional recommendations, codes of professional practice, and to establish or help to establish expert groups to address specific national, regional, or worldwide professional issues when needed.

Report for Jan – Dec 2020 Activities

1. JSMP 2020

The 119th JSMP was successfully held on May 15 – June 14 during JRC2020 web congress, in concurrent with the 79th annual meeting of the Japan Radiological Society, 76th annual meeting of the Japan Society of Radiological Technology and the International Technical Exhibition of Medical Imaging 2020. AFOMP representatives, Prof Dr Arun Chougule, Prof Hasin Anupama Azhari and AP Dr Chai Hong Yeong have been invited to deliver recorded presentations during the conference.

2. AOCR 2020 & 2021

AFOMP endorsed the Asia-Oceania Congress of Radiology (AOCR 2020) which supposed to be held physically at Kuala Lumpur on 23 – 25 July 2020. However, due to the COVID-19 pandemic, the congress has been postponed to 1 – 4 July 2021 at Kuala Lumpur as a hybrid conference. Programme is still in development. AFOMP can propose to send a speaker (recorded presentation).

3. AFOMP Monthly Webinar 2020

AFOMP Monthly Webinar 2020 series were successfully held on the first Thursday of every month from Jun – Dec 2020. The webinars (Jul – Dec) are endorsed by the ACPSEM with 2 CPD points for each webinar. Certificate is sent to every registered participant who must have attended at least 40 min of the webinar.

No	Date	Speakers	Topics	Moderators	No of Participants
01	5 Jun 2020	Prof Dr Tomas Kron & Dr Peta Lonski	Total Body Irradiation with X-rays and Electrons: Dosimetry and Techniques	Dr Jin Xiance	
02	2 Jul 2020	Prof Dr Arun Chougule	Radiobiology of Radiotherapy - NSD to BED	AP Dr Chai Hong Yeong	183
03	6 Aug 2020	Dr Sung Yung Park	Implementing Proton Beam Therapy – Perspectives for QA and TPS	Prof Dr Anupama Azhari	130
04	3 Sep 2020	Prof Dr Golam Abu Zakaria	Dosimetry of Small Photon Radiation Fields: Comparison of the IAEA TRS- 483 and the German DIN 6809-8 Protocols	Dr. Kanchan Adhikari	133
05	1 Oct 2020	AP Dr Chai Hong Yeong	Establishment of Nuclear Medicine Facility and Radiopharmaceuticals in Nuclear Medicine	Dr. J. Jeyasungnithan	~100
06	5 Nov 2020	Prof Dr Arun Chougule	Diagnostic Reference Levels (DRLs)	AP Dr Jeannie Wong	~100
07	4 Dec 2020	Prof Dr D.N. Sharma	Recent Advances in Brachytherapy and Challenges	Dr. Delmar Arzabal	

Comments collected from the participants (summary):

- **Overall:** About 70% of the attendants have commented that the webinars are well organized, topics are beneficial, and speakers are knowledgeable and have explained the topics well. ~90% of participants thanked the AFOMP team for their excellent efforts.
- **Technical:** sometimes the audio was interrupted, provide a more convenient way to login to the webinar, the webinar should be longer, timing management, don't post announcement when the webinar is ongoing as the message will be pop-out and interrupt the presentation.
- **Contents & Speakers:** All topics are very beneficial and relevant; excellent presentation, speakers have answered all the questions well, need more time for discussion, get more younger scientists to speak, should organize bi-monthly, good to have 2 or more speakers per webinar.
- **Suggestions:** more talks on proton therapy, radiobiology, multidisciplinary research that would benefit postgraduate students, MR-Linac.

4. AFOMP Monthly Webinar 2021

AFOMP decided to continue the Monthly Webinar for 2021. The first 6 month programme is as following. AFOMP encourages more young physicists to join as speakers and moderators. This series of webinars are also endorsed by ACPSEM with 2 CPD points for each webinar.

No	Date	Speakers	Topics	Moderators
01	7 Jan 2021	Dr. Dayanand S Shamurailatpam	Proton Therapy: Why and How?	Dr Mohammad Amin Mosleh-Shirazi
02	11 Feb 2021	Dr Chen Shou Chui	IAEA TRS-398 "Absorbed Dose Determination in External Beam Radiotherapy"	Dr V Subramani
03	4 Mar 2021	Dr Eva Bezak	An Overview of Targeted Beta and Alpha Therapies	Dr Hajime Monzen
04	1 Apr 2021	Dr Hossein Mozdarani	Biological Paradigms affecting Radiotherapy Outcome	Dr Md Akhtaruzzaman
05	6 May 2021	Dr Hyun-Tai Chung	Basic Principles, Dose Planning, Advantages and Quality Assurance of a Gamma Knife Radiosurgery	Dr Supriyanto Ardjo Pawiro
06	3 Jun 2021	Dr Yibao Zhang	Knowledge-based Planning: Research and Practice for Cancer Treatment	Dr Mary Joan

5. AOCMP-SEACOMP 2020

AFOMP representatives, Prof Dr Tomas Kron, AP Dr Chai Hong Yeong, Dr Xiance Jin, AP Dr Jeannie Wong, Prof Dr Arun Chougule and Prof Dr Hasin Anupama Azhari will be conducted a forum on "Medical Physics Practice and Science in Times of COVID" during the AOCMP-SEACOMP 2020 (hybrid).

6. Proposal

Year 2020 has been a relatively quieter year for PRC activities due to the COVID-19 pandemic. The committee hope to be more active in 2021 (depending on situation) and wish to expand the committee by inviting members from the following countries: Singapore (Mr Somanesan), Vietnam (Dr Hoang Anh Tung), Cambodia (Mr Vanyat), Korea (any proposal?). We would also like to invite comments and proposal from AFOMP council for activities in 2021.

- Report by Chair Science Committee (Tomas Kron)

Report of Scientific Committee AFOMP- 2019

Reporting period: 1/1/2020 – 1/10/2020

The science committee was appointed in Jan 2019 with following office holders:

Science Committee Chairperson–Tomas Kron, Australia

Committee Members:

- Arun Chougule, India, President, AFOMP
- Freddy Haryanto, Indonesia
- JeyasingamJeyasugiththan, Sri Lanka.
- Shinji Kawamura, Japan
- Kuo Men, China
- Suresh Poudel, Nepal
- MdAkhtaruzzaman, Bangladesh
- Jeannie Wong, Malaysia

2020 has been a challenging year due to the COVID 19 Pandemic. No face-to-face meeting was held but the committee had several virtual meeting. The support of Rajni Verma in setting up a ZOOM meeting for Sept 2, 2020 is greatly appreciated.

Virtual meetings held in 2020:

May 27, 2020

June 24, 2020

Sept 2, 2020

Activities in the reporting period:

1. Virtual meetings
2. Discussion of AOCMP in Thailand – several communications with conference convener Anchali
3. Contribution to program design, particularly the set-up of a minisymposium on Research during COVID.

4. Contribution to review of AOCMP abstracts (only few abstracts were reviewed by the chair at short notice)

5. Support pledged for new initiative: Best paper award in AFOMP official journals:

- Physical and Engineering Science in Medicine (formerly Australasian Physical and Engineering Science in Medicine) - <https://www.springer.com/journal/13246>
- Journal of Medical Physics - <http://www.jmp.org.in/>
- Radiological Physics and Technology - <https://www.springer.com/journal/12194>

6. PhD abstracts to be summarized for first newsletter in 2021.

• **Report by Chair: Funding Committee (Hajime Monzen)**

Funding Committee (Hajime Monzen)

- The Funding Committee raises funds from a range of sources and distributes them throughout the newera, enabling member nations and organizations, especially in developing countries, to build sustainable pathways for medical physicists of all abilities and to clearly communicate our core values of courage, determination, inspiration.

Activities

- Exco member listed supporting companies.
- Companies are in deficit due to influence of the coronavirus, donations have not been obtained.

Thanks to EXCOM Specially President and Vice President, AFOMP

- Fund: PTW, ROSALINA and Sun nuclear (5000 USD each; Total 15000 USD)
- JSMP, AMPI, ACPESM (1000USD each, total 3000 USD)
- Audited Report on 19th AOCMP, Perth Australia, surplus of the conference

• **Report by Chair: Awards and Honors Committee (Eva Bezak)**

Awards and Honors Committee Report

November 2020

Committee Chair: Eva Bezak (Australia)

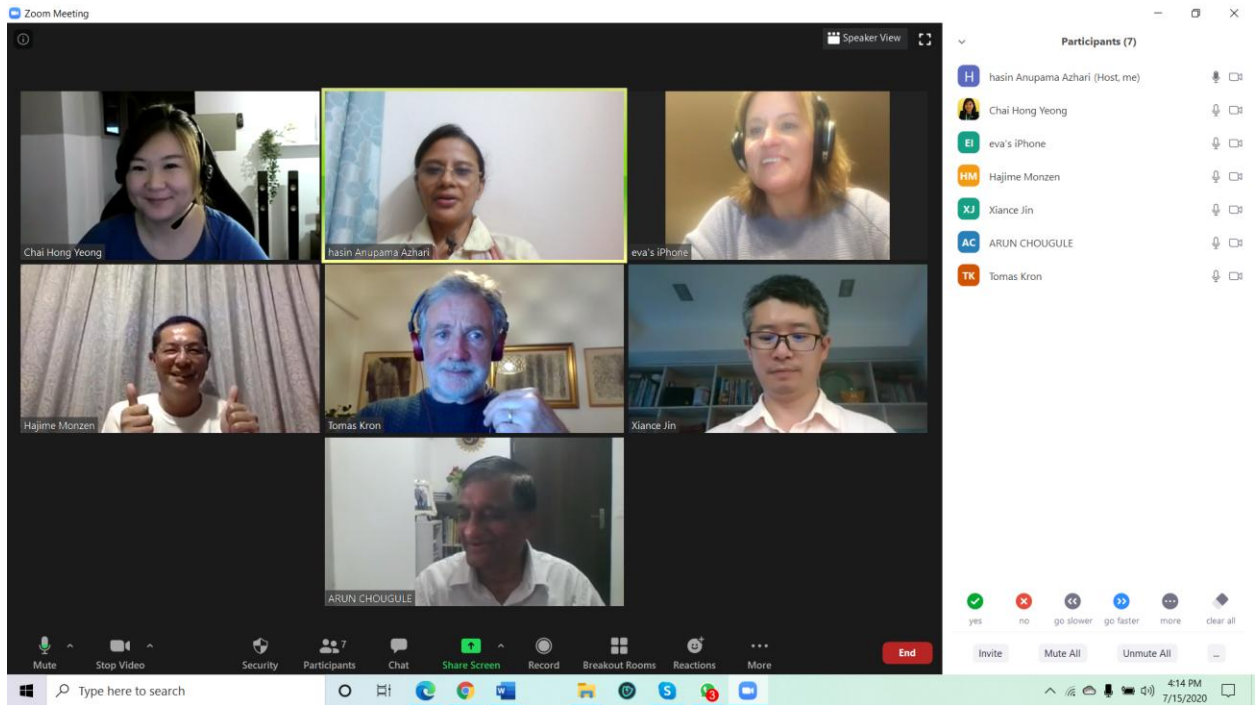
Committee Members: Kanchan Adhikari (Nepal), Noriah Jamal (Malaysia) - inactive, Freddy Haryanto (Indonesia), Hidetoshi Saitoh (Japan), Youngyih Han (South Korea)

The committee has been expanded by 2 new members from Japan and South Korea.

The committee has been very busy in 2020 and the following activities have been accomplished since the last report (October 2019):

1. New awards have been established (with TORs developed): Lifetime Achievement Award, Outstanding Medical Physicist Award (this is a special award on the occasion of the 20th Anniversary of AFOMP), and the Best publication award.
2. Three nominations were received for Prof Kiyonari Inamura Memorial AFOMP Oration. The 2020 Orator is Professor Dr Kin Yin Cheung, Senior Medical Physicist at the Medical Physics & Research Department, Hong Kong Sanatorium & Hospital Medical Group.
3. Lifetime achievement award: 7 nominations were received for the AFOMP Lifetime Achievement Award. The nominations were evaluated in 4 categories (maximum 10 points each). Due to only 0.25 point difference in the overall mark, 2 awardees were announced in this inaugural year for this award: Anchali Krisanachinda and Ian Donald McLean.
4. AFOMP Outstanding physicist award: 36 nominations were received from 14 NMOs. All the nominations received were critically evaluated under 4 categories using a 50-point scale each, totalling to a maximum of 200 points. During this process, the outstanding medical physicists awarded by IOMP in 2013 from the AFOMP region were excluded because they have already received the highest award and they are already AFOMP outstanding medical physicists. Result: 21 physicists from 13 NMOs were awarded the Outstanding Medical Physicist Award in the AFOMP region. Certificates have been kindly prepared by Chai-Hong Yong. The awardees are: KY Cheung, Masahiro Endo, Howell Round, Arun Chougule, Nobuyuki Kanematsu, James Lee, Tatsuaki Kanai, Chen-Shou Chui, Hee-Joung Kim, Noriah Binti Jamal, Sung Kyu Kim, Hasin Anupama Azhari, Koichi Ogawa, Kum Bae Kim, Hossein Mozdarani, Hyun-Tai Chung, Wan Ahmad Kamil Abdullah, B Paul Ravindran, Agnette de Perio Peralta, Jianrong Dai, Nisa Chawapun
5. **AFOMP Journal Prize for the Best Paper published in an AFOMP Journal** (Radiological Physics and Technology, Physical and Engineering Sciences in Medicine and Journal of Medical Physics) authored by an AFOMP member. 21 publications were nominated in total by the 3 AFOMP official journals. In the first round, a shortlisting process was conducted and 6 papers were shortlisted for the final evaluation. Papers are evaluated on originality, science, clarity and impact (maximum 10 points each). The final result is expected by 26 November 2020. This has been a lot of work, requiring a significant amount of time from the AHC members. It is proposed that the best paper award could be judged in future by the science committee – if supported and approved by ExCom.
6. The journal prize is supported by 3 NMOs (Australia, India, Japan) – all pledging a one-off financial support of USD1000.

- Secretary General Hasin Anupama Azhari will continue with permission of Chair,
- AFOMP Excom meeting details- appraisal



- **Extension of term AFOMP EXCOM 1 year**

IOMP and IUPESM also extend one year as meetings could not happen. The term of existing AFOMP Excom is 2020. Due to Covid-19 this term can be extended for 1 year (2021) as other organizations do like IOMP. The main reason is voting cannot be possible in 2020 due to travel restrictions.

- **Expansion of AHC**

To provide the AHC larger geographical representation: Australia, Indonesia, Japan, Malaysia, Nepal and South Korea.

Two new members of the AHC committee have been included:

Prof Hidetoshi Saitoh, Prof., Ph. D. from Tokyo Metropolitan University, Japan
and

Prof Youngyih Han from Department of Health Sciences and Technology, SAIHST, Sungkyunkwan University, Seoul, South Korea

They have kindly agreed to serve on the committee and to assist us with new awards.

- **Report on 19th AOCMP, Perth Australia will be delivered by Richard Dove, President, ACPSEM**
- **Progress report of AOCMP 2021 will be delivered by Akhtaruzzaman, Secretary, BMPS**
- **22 AOCMP 2022 Bids by Delmar Delmar Arzabal, Philippine Organization of Medical Physicists**
- **AFOMP Oration Award**

AFOMP EXCOM has successfully completed the procedure of selection of Prof Kiyonari Inamura awardee for the as per oration guidelines. We have received **three nominees** for this award. Everyone is outstanding. You will be delighted to know that out of six members in the oration committee, five members voted **for the past president IOMP, IUPESM Prof. KY Cheung.**



Congratulations to Prof. KY CHEUNG for his enormous contribution nationally and internationally.



20 th Anniversary AFOMP activities

✚ AFOMP Life time achievement award

We have received seven renowned Medical physicists (MP) as a nominee from seven countries in AFOMP region. It was really enthusiastic and well appreciated.

In the year of 2020 the nominees (7) are as follows

Anchali Krisanachinda, Thailand,
Yimin Hu, China
Howell Round, New Zealand
Donald McLean, Australia
Djarwani S. Soejoko, Indonesia
Deepak Dattatray Deshpande, India
Masahiro Endo, Japan

AFOMP lifetime achievement award



Prof. Anchali Krisanachinda, Thailand



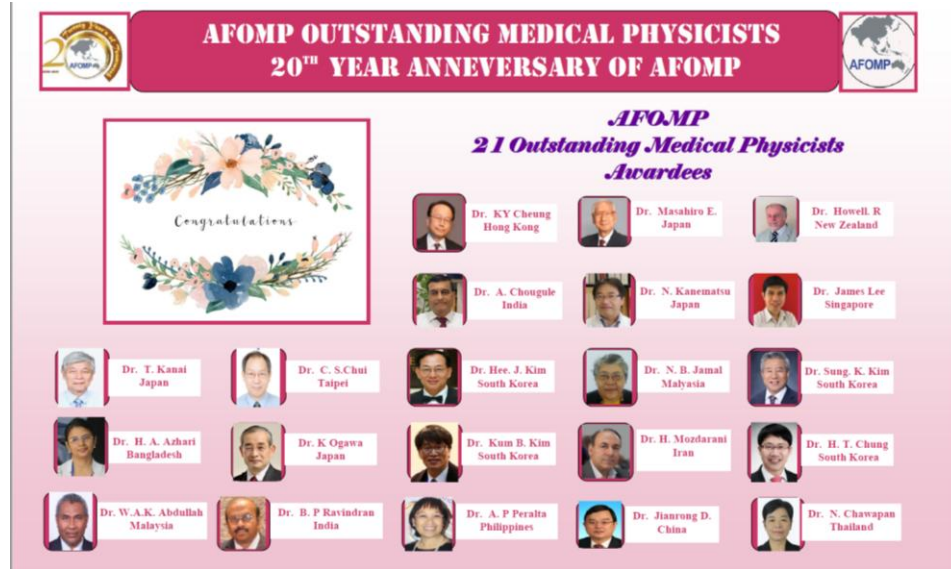
Prof. Donald McLean, Australia

✚ Outstanding Medical Physicists from AFOMP Region Recognition

AFOMP EXCOM has introduced **Outstanding Medical Physicists from AFOMP Region Recognition Award** for the first time in 20 years of its establishment for the upcoming AOCMP 2020. It is our privilege to recognize medical physicists from AFOMP countries for their outstanding contribution in scientific practice, service and professional development in medical physics to the AFOMP community . AFOMP awarded 21 awardees from 36 nominations from 14 NMOs .

The 21 awardees are as follows:

Sr. No	Country	Name
01	Hong Kong	KY Cheung
02	Japan	Masahiro Endo
03	New Zealand	Howell Round
04	India	Arun Chougule
05	Japan	Nobuyuki Kanematsu
06	Singapore	James Lee
07	Japan	Tatsuaki Kanai
08	Taipei	Chen-ShouChui
09	Korea	Hee-Joung Kim
10	Malaysia	Noriah Binti Jamal
11	Korea	Sung Kyu Kim
12	Bangladesh	Hasin Anupama Azhari
13	Japan	Koichi Ogawa
14	Korea	Kum Bae Kim
15	Iran	Hossein Mozdarani
16	Korea	Hyun-Tai Chung
17	Malaysia	Wan Ahmad Kamil Abdullah
18	India	B Paul Ravindran
19	Philippines	Agnette de Perio Peralta
20	China	Jianrong Dai
21	Thailand	Nisa Chawapun



Best paper publication Award

In this regard, a total of 21 papers were submitted by the editors of the 3 official AFOMP journals for the best paper published in 2019.

After careful evaluation by the AHC committee, headed by Prof Eva Bezak, the following publication has been awarded the AFOMP Journal Prize for the best paper published in an AFOMP journal in 2019. The winner is

Simulation of photon-counting detectors for the conversion of dual-energy-subtracted computed tomography number to electron density. RPTVol.12(1): 105-117, 2019 <https://doi.org/10.1007/s12194-018-00497-0>



Prof Masatoshi Saito (Japan)

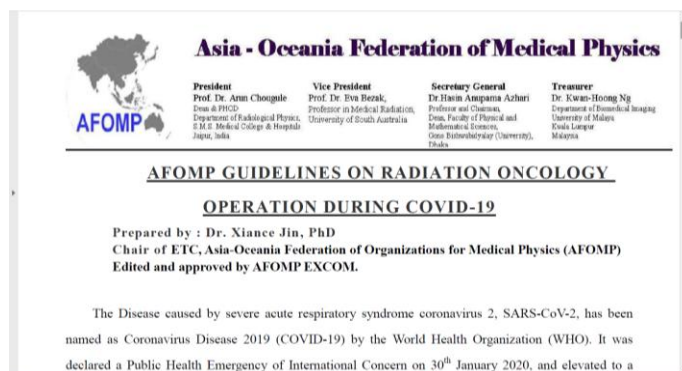
The award will consist of a cash prize of US\$400, certificate and a memento.

✚ Special Newsletter AFOMP



Activities in COVID 19 Pandemic

- ✚ AFOMP publication
<https://afomp.org/covid-19-information-resources/>



AFOMP Webinar and CPD by ACPESM

Dr. Jin Xiance, Education and Training Committee , AFOMP for preparing the all the webinar programs, Dr. Chai Hong Chair, Professional Relation Committee, AFOMP for access of CPD

Prof.Tomas and Prof. Eva for fee exemption of the AFOMP webinars from ACPSEM.

From 2nd July, 2020 till December 2020 allthe AFOMP webinars; are accredited and each webinar attendance will fetch you 02 credit points. On request, AFOMP will issue a certificate of attendance and CME points.



Asia Oceania Federation of Organizations for Medical Physics- AFOMP 20th Anniversary

AFOMP Monthly Webinar Series 2020
(Every first Thursday of the month, 07.00 – 08.00 AM GMT)

No	Date of Webinar	Speakers	Topics	Moderators
01	5 June 2020	Prof Dr Tomas Kron & Dr Peta Lonski	Total Body Irradiation with X-rays and Electrons: Dosimetry and Techniques	Dr Jin Xiance
02	2 July 2020	Prof Dr Arun Chougule	Radiobiology of Radiotherapy - NSD to BED	AP Dr Chai Hong Yeong
03	6 August 2020	Dr Sung Yung Park	Comprehensive Proton Therapy Machine Quality Assurance: AAPM TG 224	Prof Dr Anupama Azhari
04	3 September 2020	Prof Dr Golam Abu Zakaria	Dosimetry of Small Photon Radiation Fields: Comparison of the IAEA TRS- 483 and the German DIN 6809-8 Protocols	Dr. Kanchan Adhikari
05	1 October 2020	AP Dr Chai Hong Yeong	Establishment of Nuclear Medicine Facility and Radiopharmaceuticals in Nuclear Medicine	Dr. J. Jeysungnithan
06	5 November 2020	Prof Dr Arun Chougule	Dose Reference Levels (DRLs)	Dr. Michale Lee
07	4 December 2020	Prof Dr N. Sharma	Recent Advances in Brachytherapy and Challenges	Dr. Delmar Arzabal

- AFOMP news letter
<https://afomp.org/afomp-newsletters/>
 January 2020
 June 2020

Asia-Oceania Federation of Organization for Medical Physics

AFOMP Newsletter

JANUARY 2020 VOL -12 NO. 1

EDITOR: DR V. SUBRAMAN

HIGHLIGHTS IN THIS ISSUE

International Medical Physics Week 2020 ...Pg.4

As we usher in 2020, are we still relevant? Keen Hoang Ng ... Pg.9

AOCMP 2019 Congress Report Tegan Hawkins ...Pg.11

7th IOMP Celebration in Bangladesh Zivar Ishtiaq ...Pg.21

AAPM-IEEP-AMU- workshop Report Ajay Srivastava ...Pg.26

Book Review Ak Inait ...Pg.41

Calendar of Events ...Pg.46

Editorial

Dear Readers,
Warm Greetings from Editorial Board!
I would like to take this opportunity to wish you all a very happy and prosperous New Year 2020.

The Ex-Com of AFOMP has become so vibrant and engaged with various activities on professional development through scientific and educational events. This issue of AFOMP Newsletter January 2020 presents with lots of important information about the federation activities including messages from AFOMP President, Vice-President and General Secretary, invited articles and provide information on upcoming scientific activities in the field of Medical Physics.

Medical physics have been transforming scientific advances in the research laboratories in improving the quality of life for patients. Indeed, Medical Physics and technology based major innovations such as CT, MRI, Ultrasound, PET imaging systems, linear accelerators (LINAC) and particle accelerators have collectively improved the medical outcomes for millions of people in radiation medicine.

In general, the field of medicine is advancing towards 4P's of Medicine such as (i) prediction of an individual's diseases development (ii) preventing diseases before it occurs (iii) personalized treatment (iv) participation of patients, communities and health-care providers. This concept of 4P's of medicine is so pertinent to the field of radiation medicine in the management of cancer.

In the year 2020 and beyond, we will be witnessing that the medical physics research will play a major role not only in the technology development but also to investigate the development of tumor based on biological information. The integration and convergence of science of imaging and therapy by hybrid technologies such as PET-CT, PET-MRI, MR-Linac, PET-Linac and MR-guided proton therapy systems will be useful in combating cancer through translational research towards personalized treatment. As Medical Physicists are health professionals and in order to stay relevant in the clinical environment, the focus on translational research which is an inherent of medical physics research, with cross-disciplinary approach is important for the valued services.

Therefore, one needs to update their professional information through communication, exchange of knowledge, participation and collaboration in the educational and research program to strengthen the Medical Physics profession and it is a call for the contribution.

"Imagination is more important than knowledge" - Albert Einstein
 With Warm Regards
 (Dr V Subraman)

Asia-Oceania Federation of Organizations for Medical Physics

AFOMP Newsletter

JUNE 2020 VOL -12 NO. 2

EDITORIAL OFFICE

20 YEARS OF ALLIANCE AND COOPERATION!!

SPECIAL ISSUE
June 2020 Vol 12 No. 2
20th Anniversary

Editor: ACPSEM Representative
 Editor: Dr. B.R.A. MOCH
 Dept. of Radiation Oncology
 All India Institute of Medical Sciences, New Delhi, India
 mochanraj@gmail.com

- Endorsement of JSMP 121 meeting in Yokohama
- IDMP celebration by AFOMP




AFOMP
Invites you to join us in the
"International Day of Medical Physics (IDMP 2020)"
celebration on November 7th, 2020

IDMP is celebrated every year to recognize the contribution of Medical Physicists in Healthcare. This year's IDMP theme is "Medical Physicist as Health Professional" to mark the multidimensional contribution of Medical Physicist in a healthcare facility and recognizing profession globally.

World Health Organization and International Labour Organization recognized Medical Physicists as health professionals. In spite of significant contributions, Medical Physicist as a profession is not well recognized in some parts of the world. To create awareness and better visibility of Medical Physicist globally, International Organization of Medical Physics (IOMP) celebrates IDMP since 2013 every year on 7th November, the birthday of Prof. Marie Curie,

Due to unprecedented situation created by COVID-19 Pandemic, Celebrations will be on Zoom virtual platform.

TIME	PROGRAM
7.00-7.05 AM GMT	IOMP Presidential Message Dr. Madan Bohari (IOMP President)
7.05-7.25 AM GMT	Opening remarks and talk on Medical Physics in AFOMP Dr. Anun Chougale (AFOMP President)
7.25-7.40 AM GMT	Growing Tall Poppies: Empowering young medical physicists Dr. Eva Bezak (AFOMP Vice-President)
7.40-8.00 AM GMT	Role of Medical Physicists in the era of High tech Technology Dr. Tae Suk Suh (IOMP Immediate Past President)
8.00-8.20 AM GMT	Medical Physicist as Health Professional Dr. Hasin Anoopama Azhari (AFOMP Secretary General)
8.20-8.30 AM GMT	IOMP- IDMP Award 2020
8.30-9.00 AM GMT	Q & A- feed back, conclusion

For any queries contact: Rajni Verma (AFOMP Web-Manager)
IDMP Program Coordinator
199vermarajni@gmail.com, rajnikj@gmail.com

- IDMP Award AFOMP

AFOMP

ALFIM
EFOMP
FAMPO
MEFOMP
SEAFOMP
AAPM

Prof. Tae Suk-Suh

Carlos E. Almeida
Oliver Blanck
Christoph Trauernicht
Mohammad Hassan Kharita
Djarwani S. Soejoko
Robert Jeraj



- Approval of JMP- AMPI as AFOMP official journal

Request from
AMPI President Dr SD
Sharma on April 30



- IOMP special issue Journal MPI, for AFOMP region
In the next Regular Issue, IOMP will publish on the AFOMP Region to present a full picture of medical physics activities in Asia-Oceania. Received Thailand, Philippines, Nepal, Bangladesh, Australia & New Zealand, Hongkong, Malaysia, Japan, Singapore, India.

- For Different award activities: Collaborative work : AHC and SC

New award has been suggested for Journal: for early Careers

Yesterday in the AFOMP EXCOM meeting ,Chair, SC Prof Tomas Kron has agreed for the selection process regarding Journal publication award for the early careers in cooperation with AHC.

- A proposal of the AFOMP Science Committee, December 2020: Prof Tomas Kron

In order to promote Medical Physics as a versatile and innovative field AFOMP has agreed to publish selected PhD abstracts in its newsletter. This proposal tries to identify how PhDs in the AFOMP region can be broadcast and promoted.

Process: AFOMP Science committee will make a call via NMOs to identify suitable PhDs in their country. It is assumed that NMOs are aware of medical physics PhD programs in their country and this will allow to contact them. PhD abstracts should be submitted to the chair of the Science Committee who will distribute them to committee members for selection.

At this point in time it is unclear how many abstracts will be received. It is anticipated to publish up to 3 full abstracts from three different subspecialties. In addition to this we intend to publish the titles of PhDs submitted. If the number is too large we will ensure that each participating member country has at least one title included.

Timeline:

Dec 2020: submit process and invitation to AFOMP newsletter

- December each year: call for submission of abstracts to NMOs
- March 31 each year: deadline for submission of abstracts
- May each year: selection of abstracts completed
- Mid year: publication in AFOMP newsletter

Benefits:Published abstracts promote the PhD candidate to readers of AFOMP newsletter. The breadth of abstracts and titles will also highlight the huge range of different activities occurring in medical physics. An additional advantage of this process would be generating interest in the host academic department (physics, engineering, medicine)

- NMO s Related: Website, fees, update of contact, No of members
- India – India have been adversely affected by the changes we applied to the ‘economic index factor’ categories resulting in them having to pay considerably more in dues this year (as their PPP has risen) so they are requesting a discount, and we are currently in communications with them regarding the matter but hopefully they should pay soon.
- Indonesia
- Korea
- Mongolia – but their numbers are small so may be exempt
- Nepal - but their numbers are small so may be exempt
- Philippines

Website: will be shown in excel sheet

- IUPESM celebrations for their 40th anniversary.
IUPESM, the Union of IOMP and IFMBE, was formed in 1980 and celebrates this year its 40th anniversary. In this period IUPESM achieved recognition of the professions of medical physicists and biomedical engineers through a Full membership to the International Science Council (ISC), and also achieved their inclusion in the International Standard Classification of Occupations (ISCO 08).

To celebrate its Anniversary IUPESM introduced a Fellowship (FIUPESM) to be awarded to the most prominent leaders of the Union during these 40 years.



International Union for
Physical and Engineering
Sciences in Medicine
www.IUPESM.org

The IUPESM represents
the combined efforts of
over 150,000
medical physicists and
engineers globally.
IUPESM is a Full Member of the
International Science Council (ISC).

IUPESM seeks to contribute to the advancement of physical and engineering sciences in medicine for the benefit and wellbeing of humanity.



- Any other matter with the permission of Chair