



Focus Newsletter - May 2021 Edition

ACPSEM President's Words - Kym Rykers



Firstly, I will start this newsletter by hoping everyone managed to have a break over Easter with a chance to rest and recharge.

The ACPSEM board of directors meets roughly every two months to formally discuss progress on work being undertaken across a range of interests relevant to our community. Outside of these formal meetings, numerous emails are circulated and resolutions are passed out of session to ensure we are responding in an agile way to changes in circumstance and new information as it relates to the numerous tasks underway.

For many ACPSEM committees and sub-groups, a dynamic change over occurs throughout the year. I encourage you all to take an active role in the areas in which you are passionate. Please take the time to explore the "[About the College](#)" area of the website to identify areas of interest.

Last month I attended and chaired my first Radiation Oncology Alliance (ROA) meeting. The ROA is a conjoint committee of ACPSEM, FRO, RANZCR, ASMIRT, CNSA. It is a forum for collaboration between the radiation therapy professions in the areas of quality, standards, workforce and public interest. The Alliance acts as an important liaison point for the Department of Health, Cancer Australia, and other key cancer organisations. It aims to communicate key sector priorities to all levels of governments and jurisdictions, relevant stakeholders and to the public. It provides an excellent opportunity to work with colleagues and to set shared goals and strategies for replying to or engaging with government for the betterment of care provision for patients.

The role of chair for the ROA rotates amongst the membership every two years, and for 2021-2022 the role of chair sits with ACPSEM. It provides a great platform to highlight the value our members bring to safe, high quality patient care, alongside our nursing, RO and RT colleagues.

While the COVID-19 pandemic continues to challenge state, national and international borders - with many changes subject to (very!) short notice - the ACPSEM office and EPSM conference organising committee are hoping for a well-attended in-person [conference](#) in Brisbane in November. [Abstract submissions](#) are now open, as is [early bird registration](#), and I encourage you to sign up soon for both.

I would like to thank the numerous college members who have updated me on the workings of their speciality groups and committees. Your willingness to share is much appreciated. I would also encourage all members to complete any membership surveys they receive so that the data provided can advocate for our professions and accurately reflect the extremely diverse work undertaken across our membership.

Continuation of Australian Government Funding 2022-2024

The ACPSEM is pleased to announce that ongoing funding for two activities currently supported by the Australian Department of Health was confirmed immediately after the handing down of the 2021/22 budget last week. The two activities are:

- Support for TEAPs and management of the ACPSEM registration process
- Supporting Medical Physicist and Radiopharmaceutical Scientists grants

The exact amount of funding is still in negotiation and it is expected that the number of grants available may not be as numerous as from 2018-2021. However, this is all still excellent news. The College can now recommence a number of projects it had slowed down on during the COVID period and awaiting the funding announcement.

Outcome of the Supporting Medical Physicist (including RPS) Grant Round 2021

The Australian Government has provided the ACPSEM with funds to be made available by way of grants to make a funding contribution towards training positions in the radiation, radiopharmaceutical and diagnostics workforce.

The purpose of this allocation to the ACPSEM is to enable profession-led competitive support for registrars undertaking ACPSEM's TEAP initiative; paid to facilities employing the registrar and for associated activities including reviewing the most efficient way to allocate such payments.

Congratulations to the following facilities who have been successful in their application for the ACPSEM's "Supporting Medical Physicist (including RPS)" grant round for 2021.

Concord Repatriation General Hospital (NSW)	DIMP
East Metropolitan Health Service (WA)	DIMP
Nepean Hospital (NSW)	DIMP
Royal Prince Alfred Hospital (RPA) (NSW)	DIMP
St George Hospital (NSW)	DIMP
Royal Children's Hospital (VIC)	DIMP DR
SA Med Imaging (22 months) (SA)	DIMP DR
Canberra Hospital (24 months) (ACT)	ROMP
Genesis Cancer Care WA (WA)	ROMP
GenesisCare QLD (QLD)	ROMP
ICON Adelaide SA (Windsor Gardens) (SA)	ROMP
ICON Cairns QLD (QLD)	ROMP
Orange Hospital (NSW)	ROMP
Townsville University Hospital (QLD)	ROMP
Austin Health (VIC)	RPS
SAHMRI - South Australian Health and Medical Research Institute (SA)	RPS
Sir Charles Gairdner Hospital (WA)	RPS

Careers

Building a successful career series

Introducing Anne Perkins!

Vacancies

Medical Physics Specialist

Sydney, NSW | Closing: 20 May



Did you know that Anne was the only female ROMP working in Victoria for several years, and the first ever to work part-time?

Not only has Anne helped to introduce flexible working arrangements for ROMPs, she has made it a solid part of her life by

working in two very diverse 'fields' - pun intended!

Find out what these might be and also about Anne's humbly-written career journey and achievements to date. [Read more](#)

[Diagnostic Imaging Medical Physics Registrar](#)
Sydney, NSW | Closing: 28 May

[Radiation Oncology Medical Physicist](#)
Wagga Wagga, NSW | Closing: 30 May

[Senior Radiation Oncology Medical Physicist](#)
Geelong, VIC | Closing: 3 June

[Radiation Oncology Medical Physicist](#)
Perth, WA | Closing: n/a

All vacancies can be found [here](#).

News and Branch Updates

To keep up-to-date on College news and updates, please visit [our news section](#).

Polite reminder: remember to renew your ACPSEM membership

Thank you to all members who have already renewed their ACPSEM membership. If you are yet to renew, please do so at your earliest convenience and continue your support of the College.

To **renew** please log into the [ACPSEM website](#), click "My ACPSEM" and then "Renew My Membership" where you will be able to pay online by credit card. You will receive an email tax invoice. If you would prefer to do an EFT transfer instead please contact Susie on +61 (0)2 8305 3900.

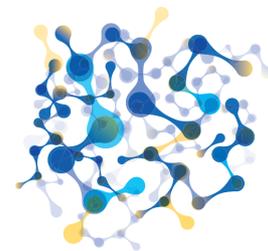


EPSM 2021: Developing Resilience

EPSM is back for 2021 with the theme '*Developing Resilience*'! Our annual flagship conference is the premier annual event for medical physicists, biomedical engineers and radiopharmaceutical scientists in Australia and New Zealand. This year's conference is taking place in person in Brisbane on 7-10 November.

Remember, there's still time to **submit abstracts for oral presentations and posters!** We are seeking abstracts of work which innovatively blends science, engineering and technology in medicine. [Read more](#)

Also, secure your place at EPSM 2021 with an earlybird registration discount! [Click here to register](#)



ACPSEM - Seeking an RPS TEAP Coordinator

The ACPSEM is seeking a Radiopharmaceutical Scientists (preferably with ACPSEM Registration) to fill a 0.2 FTE role as an RPS TEAP Coordinator. The role will be until the end of the year with potential continuation.

The TEAP Coordinator will work closely with RPS scientists studying to obtain the professional standards set by ACPSEM, coordinate training and education, and contribute to the design of the program and the assessment standards. ACPSEM will provide training to the preferred candidate. [Read more](#)



ACPSEM Professional Standards Board - call for applications

The ACPSEM is seeking calls for applications to join the ACPSEM's Professional Standards Board (PSB). The PSB is responsible for setting and applying professional standards policies, and applying these to the

education training and assessment programs, CPD programs and committee, specialty groups, certification panels, and ACPSEM branches. Terms start on 1 July 2021 for 2.5 years. [Read more](#)



ACPSEM MR Linac Working Group Trainee Fellowship Program

The MR Linac Working Group is seeking submissions for the Trainee Fellowship Program. The Fellowship enables a recipient to be funded for a year whilst taking on a fellowship at a national or international centre. The aim is for the fellow to learn about MR-Linac physics from experts in the field, and to share the information they have learnt. Closing date for submissions is 15 June 2021. [Read more](#)



ACPSEM NZPEM 2021

The ACPSEM New Zealand Physics and Engineering in Medicine Conference (NZPEM) is over for another year after taking place online on 4-5 May 2021. The conference included presentations from keynote speakers, lectures, talks from our sponsors, social activities and a special ACPSEM NZ branch meeting. NZPEM covered a diverse range of both clinical and research-based topics presented across radiation oncology, diagnostic imaging and biomedical engineering. [Read more](#)



ACPSEM MR Linac Working Group

The ACPSEM MR Linac Working Group has shared a list of virtual events for those who may be interested.

- AAPM Summer School focusing on MR in RT- <https://w4.aapm.org/meetings/2021SS/>
- EFOMP/ESMPE: MRI in Radiation Therapy Planning - <https://www.efomp.org/index.php?r=events/view&id=155>



ACPSEM QLD Branch - update

The ACPSEM QLD branch has recently undergone a change within the branch committee. The new QLD branch chair is Christopher Noble and the vice-chair is Mark Boyd after a successful committee election..

The branch also rescheduled PRIMPS 32 for 6 May. PRIMPS (Progress and Research in Medical Physics Series) is a regular informal community meeting that allows branch members to present work to a group of their peers, and this year was held at RBWH Education Centre in Brisbane.

The branch has organised webinars for the coming year, in addition to a Winter School. Stay tuned for updates, and see the next webinar in the 'events' section below.



ACPSEM NSW/ACT Branch - update

The ACPSEM NSW/ACT branch is running a fun new competition called "guess the desk". Branch members will be asked to guess the desks of four branch members*, and correct guesses may receive a special prize.

*The branch are seeking members to submit photos of their desk in order to run this competition. Please email Samantha Hawke with your photo.



The Better Healthcare Technology Foundation Awards 2021

You are invited to submit a nomination for the Better Healthcare Technology Foundation Awards. The awards cover the following seven categories:



- David Robinson Innovation Award
- Richard Bates Travel Award
- Boyce Worthley Young Achiever Award
- PhD Award
- Kenneth Clarke Journal Award
- ACPSEM Distinguished Service Award
- BHT Foundation Clinical Leadership Award

The deadlines for most awards is **31 May 2021**. Please check for further information and set deadlines. [Read more](#)

The Birth of Medical Ultrasound

The Better Healthcare Technology Foundation has been sent details of a historic news report which looks at how ultrasound changed the world as we know it. The ABC interview from 1967 reveals a world-first achievement in showing an unborn foetus. [Read more](#)



Telemedicine health project - COVID-19

The Better Healthcare Technology Foundation has shared a video by Scientia Professor Nigel Lovell, UNSW, as he talks about the telemedicine health project for COVID-19, and his research and expertise across web-enabling technologies, biomedical instrumentation, health data analytics and more. [Read more](#)



SABR Treatment for Ventricular Tachycardia

Simon Goodall has written an article for the Better Healthcare Technology Foundation on SABR Treatment for Ventricular Tachycardia, looking at the new treatment options available for patients with high-risk features. [Read more](#)



Optimising ultrasound images

The Better Healthcare Technology Foundation has shared a video Prof Jeffrey Bamber has provided which demonstrates the physics and the methods used to optimise image quality. Prof Bamber illustrates ultrasound scanner function controls during his lecture and shows how and when to change the controls affecting image appearance. [Read more](#)



ACPSEM MR Safety Expert Certification

The ACPSEM MR Safety Expert Certification has completed its cycle, covering a number of different topics including magnetic materials and forces, radiofrequency field, MRI during pregnancy, passive and active implants, management of MR safety and more. ACPSEM member Dr Donald McRobbie has written a blog post on the course. [Read more](#)



Stay up-to-date on information and research with PESH

ACPSEM Members can keep up-to-date with information and research on the application of physics and engineering in medicine by viewing the Physical and Engineering Sciences in Medicine (PESH) journal - the official journal of ACPSEM.

The journal contains scientific papers, notes, book reviews and letters to the editor, across a range of professional issues relevant to medical physics and biomedical engineering.

Members can access digital copies of the journal by logging into their account on our website and accessing it from the dashboard. [Read more](#)



IOMP celebrates IMPW 2021

The International Organization for Medical Physics (IOMP) celebrated International Medical Physics Week (IMPW) 2021 with a number of webinars. [Watch the recordings](#) on the following topics:



- The management of unintended and accidental exposures
- Does contact shielding improve patient safety?
- Patient radiation protection: How IAEA and WHO are contributing?
- Artificial Intelligence and medical physics: The initial experience of the SINFONIA Horizon project
- Monochromatic X-rays: A new source with potential to replace century-old technology

AFOMP monthly webinar

On 6 May, AFOMP continued their monthly webinars with a presentation by Prof Dr Hyun-Tai Chung on 'Basic Principles, Dose Planning, Advantages and Quality Assurance of a Gamma Knife Radiosurgery'. [Watch the recording](#)



Members

Dr Kym Rykers strategises radiotherapy response to COVID-19

Congratulations to ACPSEM President Dr Kym Rykers and team for writing an article on "*Victoria (Australia) radiotherapy response to working through the first and second wave of COVID-19: Strategies and staffing*". This article looks at the demanded rapid response within radiation oncology to the pandemic, and aims to demonstrate effective operational changes as a result. [Read more](#)



ACPSEM members remove the need for pCT scan

Congratulations to ACPSEM Members Alannah Kejda, A/Prof Jeremy Booth and colleagues for their report on "*Diagnostic Computed Tomography Enabled Planning for Palliative Radiation Therapy: Removing the Need for a Planning Computed Tomography Scan*". This report aims to investigate the feasibility of using diagnostic computed tomography for palliative radiation planning. [Read more](#)



Dr Zoe Brady reviews radiation protection in the Asia-Pacific

Congratulations to ACPSEM Member Dr Zoe Brady and colleagues for writing a review article on "*The status of radiation protection in medicine in the Asia-Pacific region*". With more than half of the world's population living in the Asia-Pacific region, this article highlights the current status in usage of ionising radiation in medicine in the region. [Read more](#)



Paul Marks reviews infrapatellar branch of the saphenous nerve

Congratulations to ACPSEM Member Paul Marks and colleagues for writing a review article on "*Infrapatellar branch of the saphenous nerve: A review*". This article looks at the complication of both open and arthroscopic procedures causing neuropathic pain symptoms in the anteromedial aspect of the knee. [Read more](#)



Dr Tomas Kron debates PhDs for future physicists

Congratulations to ACPSEM Member Dr Tomas Kron for writing a letter to the editor of PESH on "*PhDs: never boring, never dry*". The letter considers the necessity for future physicists to have a PhD, and Dr Kron adds a few further considerations for debate. [Read more](#)



ACPSEM members provide a clinical trial framework

Congratulations to ACPSEM Members Dr Jessica Lye, Dr Tomas Kron, A/Prof Joerg Lehmann and colleagues for their article on "*Report dose-to-medium in clinical trials where available; a consensus from the Global Harmonisation Group to maximize consistency*". This article promotes consistency in clinical trials by recommending a uniform framework. It is also one of the 'most read' articles on The Green Journal website - further congratulations. [Read more](#)



Dr Wendy Phillips and Prof Eva Bezak produce predictive models

Congratulations to ACPSEM Members Dr Wendy Phillips and Prof Eva Bezak and colleagues for their research article on "*Predictive modelling of hypoxic head and neck cancers during fractionated radiotherapy with gold nanoparticle radiosensitisation*". This article looks at accelerating repopulation of cancer cells in head and neck cancers, and improving radiotherapy outcomes. [Read more](#)



Prof Paul Keall develops cardiac cone beam CT imaging

Congratulations to ACPSEM Member Prof Paul Keall and colleagues for writing a research article on "*Adaptive CaRdiac cOne BEAm computed Tomography (ACROBEAT): Developing the next generation of cardiac cone beam CT imaging*". This article presents an alternative acquisition method by using ACROBEAT which adapts gantry velocity and projection rates of CBCT imaging systems in real-time. [Read more](#)



ACPSEM members quantify geometric uncertainty

Congratulations to ACPSEM Members Adam Briggs, Dr Nicholas Hardcastle, Prof Paul Keall, A/Prof Jeremy Booth and colleagues for their research article on "*Quantification of the geometric uncertainty when using implanted markers as a surrogate for lung tumor motion*". This study looks at quantifying the surrogacy uncertainty (SU) when using endobronchially implanted markers as a surrogate for lung tumor position. [Read more](#)



Chuan-Dong Wen receives patents ChestPhan-4D

Congratulations to ACPSEM Member Chuan-Dong Wen for receiving Australian and US patents for an innovative medical device which provides more accurate treatments for lung and breast cancers. This patent showcases a landmark achievement for Australian medical device invention, and good news for cancer patients seeking high quality healthcare worldwide. [Read more](#)



ACPSEM members calculate doses for lung phantoms

Congratulations to ACPSEM Members Dr Paul Charles, A/Prof Scott Crowe and A/Prof Tanya Karin for their technical note on "*Small field dose correction factors for radiochromic film in lung phantoms*". This study calculates the factors required to account for the perturbation of radiochromic film when used for small field dosimetry in lung equivalent material. [Read more](#)



ACPSEM members contribute to MEFOMP conference

Congratulations and thank you to ACPSEM Members Dr Tomas Kron, Prof Dale Bailey and Dr Kathy Willowson for taking part in the recent virtual

Middle East Federation of Medical Physics (MEFOMP) Conference as international speakers. The conference, held in cooperation with IAEA, covered a range of topics relevant to medical physicists, imaging scientists, physicians, radiological technologists and more. [Watch the lectures](#)



[A/Prof Donald McRobbie presents at ISMRM & SMRT 21](#)

Congratulations and thank you to ACPSEM Member A/Prof Donald McRobbie for taking part in the recent ISMRM & SMRT (Society for MR Radiographers & Technologists) annual meeting and masterclass. A/Prof McRobbie presented on *MR Safety: from folklore to physics - Magnetization*. [Read more](#)



[Prof Clive Baldock: point/counterpoint on retracted research publications](#)

Congratulations to ACPSEM Member Prof Clive Baldock and colleagues for writing a point/counterpoint on "*An increase in retractions of research publications is an issue for Medical Physics*". This point/counterpoint looks at the increase in retractions of research publications and how it might be an issue for *Medical Physics* (journal), or if it's simply a logical consequence of transparent scientific publishing. [Read more](#)



[A/Prof Stephanie Corde finds novel way to fight cancer](#)

Congratulations to ACPSEM Member A/Prof Stephanie Corde and colleagues for their research on on "*First extensive study of silver-doped lanthanum manganite nanoparticles for inducing selective chemotherapy and radio-toxicity enhancement*". This article looks at a novel way to non-surgically fight brain cancer using magnetic nanoparticles. [Read more](#)



[Dr Tomas Kron takes part in Malaysia Society's IWMP](#)

Congratulations and thank you to ACPSEM Member Dr Tomas Kron for contributing to the Malaysian Society of Medical Physics' International Medical Physics Week. Dr Kron contributed on "*Webinar on International Medical Physics Certification Board (IMPCB) accreditation and certification*". [Read more](#)



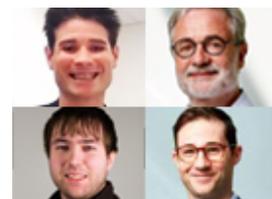
[Dr Tomas Kron and Dr Zoe Brady contribute expertise](#)

Congratulations to ACPSEM Members Dr Tomas Kron and Dr Zoe Brady for contributing their expertise and experience as lead contributors to "*Medical Physics During the COVID-19 Pandemic - Global Perspectives in Clinical Practice, Education and Research*". Watch the virtual book launch by [clicking here](#)



[ACPSEM members look to reduce aperture complexity](#)

Congratulations to ACPSEM Members Dr Mathieu Gaudreault, Keith Offer, Dr Tomas Kron and Dr Nicholas Hardcastle for their article on "*On the reduction of aperture complexity in kidney SABR*". This studies aims to provide an efficient way to generate plans with minimal aperture complexity for patients receiving kidney SABR. [Read more](#)



[Prof Peter Greer and Benjamin Zwan provide novel quality assurance](#)

Congratulations to ACPSEM Members Prof Peter and Benjamin Zwan and colleagues for their article on "*A novel quality assurance procedure for trajectory log validation using phantom-less real-time latency corrected EPID images*". This article looks at the validation of trajectory log when using the files for routine patient quality assurance. [Read more](#)



ACPSEM members produce quality assurance framework in contour variation

Congratulations to ACPSEM Members Dr Michael Jameson, A/Prof Lois Holloway and Prof Annette Haworth and colleagues for their article on "Contour variation is a primary source of error when delivering post prostatectomy radiotherapy: Results of the Trans-Tasman Radiation Oncology Group 08.03 Radiotherapy Adjuvant Versus Early Salvage (RAVES) benchmarking exercise". This article looks at variation in target volume delineation from clinical trial protocols and how they contribute to poorer patient outcomes. [Read more](#)



Dr Joel Poder and Max Hanlon participate in Brachytherapy Physics 2030 symposium

Congratulations and thank you to ACPSEM Members Dr Joel Poder and Max Hanlon for recently taking part in the Brachytherapy Physics 2030 Symposium - Enhanced application and in-vivo treatment verification. Dr Joel Poder spoke on the topic of "In vivo HDR brachytherapy source tracking with point dosimeters: current status and future directions", and Max Hanlon presented a paper on "Demonstration of 3D source tracking HDR brachytherapy treatment verification in a phantom".



A/Prof Juergen Meyer provides a motion tracking study

Congratulations to ACPSEM Member A/Prof Juergen Meyer and colleagues for their research on "The dosimetric benefit of in-advance respiratory training for deep inspiration breath holding is realized during daily treatment in left breast radiotherapy: A comparative retrospective study of serial surface motion tracking". This article looks at the stability of in-advance preparatory respiratory training in extended deep inspiration breath holding throughout a radiotherapy course. [Read more](#)



ACPSEM members investigate EPID intrinsic sensitivity

Congratulations to ACPSEM Members Dr Phil Vial, A/Prof Lois Holloway and Prof David Thwaites and colleague for their article on "Intrinsic detector sensitivity analysis as a tool to characterize ArcCHECK and EPID sensitivity to variations in delivery for lung SBRT VMAT plans". This article investigates the intrinsic sensitivity of an electronic portal imaging device (EPID) and the ArcCHECK detector when performing delivery variations for lung SBRT VMAT. [Read more](#)



Welcome to Jay Parekh - ACPSEM Education Program Assistant

Jay Parekh is ACPSEM's new Education Program Assistant, and he will be assisting registrars, supervisors, assessors and examiners in his role, as well as improving their user experience of COMET and serving as a helpdesk. Additionally, Jay will be assisting the PSB and Certification Panel reporting. Jay will be available to the College on Mondays.



Jay is experienced working in student administration and offering learning management system (LMS) support. Welcome Jay!

Updates from the ACPSEM office

Congratulations to our members who have been awarded certifications, registrar status, and have entered TEAP and onto the Qualified Medical Physicist and Radiopharmaceutical Scientist Register. [Read more](#)



Please be aware that event dates and locations may change due to uncertainty and safety concerns surrounding COVID-19. The event information below was accurate at the time of email delivery, but we advise that you double-check information on upcoming events and for updates.

ACPSEM-ESTRO Physics Workshop

May 2021 and October 2021 (exact dates TBC), online

ESTRO are hosting a physics workshop online in May and (hopefully) in person in October. The series of workshops cover Deformable Image Registration (DIR), FLASH, SBRT Planning, CT Innovations and Data Mining. The *Commissioning and QA for Deformable Image Registration in RT* workshop is co-sponsored by the ACPSEM and chaired by ACPSEM member Dr Michael Jameson. [Read more](#)



ACPSEM QLD branch - webinar

18 May 2021, 1-2pm AEST, online

The ACPSEM QLD branch is organising a webinar on 'XV Technology - a revolutionary view of lung health visualising motions and airflow' by Dr Andreas Fouras at 13:00-14:00 AEST, 18 May. This interactive webinar is free for all members, and is open to non-members for a small fee. Members are also eligible for 2 CPD points. Comments and questions are welcomed. [Book now](#)



ACPSEM NSW/ACT branch - webinar

1 June 2021, 1.30pm AEST, online

The ACPSEM NSW/ACT branch is organising a webinar on 'Cardiac radioablation: An introduction, an overview, and how medical physicists could shape its future' by Suzy Lydiard. This webinar looks at the potential advancements in clinical care gained from cardiac radioablation (CR), as well as the opportunities for medical physicists and academics to further progress CR technologies. [Book now](#)



ACPSEM NSW/ACT branch - webinar

22 June 2021, 1.30pm AEST, online

The ACPSEM NSW/ACT branch is organising a webinar on 'kV update' by Dr Robin Hill. More information on this webinar is to come, however, it is a CPD endorsed activity and members will be eligible for 2 CPD points for attending. [Book now](#)



ACPSEM NSW/ACT branch - webinar

20 July 2021, 1.30pm AEST, online

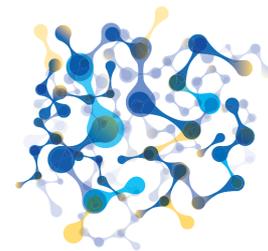
The ACPSEM NSW/ACT branch is organising a webinar on 'Clinical rationale, clinical experience, guidelines and future directions' by Prof Paul Keall. Relevant to this presentation, Prof Keall led the recently published American Association of Physicists in Medicine Task Group report #264: The Safe Clinical Implementation of MLC Tracking in Radiotherapy. [Book now](#)



EPSM 2021 - save the date!

7-10 November 2021, Brisbane QLD

Our flagship conference, EPSM 2021 - the Engineering & Physical Sciences in Medicine Conference - is planned to go ahead face-to-face in Brisbane, QLD, this November. EPSM is the premier annual event for medical physicists, biomedical engineers and radiopharmaceutical scientists in Australia and New Zealand - make sure it's in your diary! [Read more](#)



AFOMP webinar - Knowledge-based planning: research and practice for cancer treatment

3 June 2021, online

The Asia Oceania Federation of Organizations for Medical Physics (AFOMP) are continuing celebrations for their 20th anniversary with a webinar on 'Knowledge-based planning: research and practice for cancer treatment' by Prof Dr Yibao Zhang on 3 June, 5-6pm AEST. This webinar is eligible for CPD points. [Register here](#)



IOMP webinar - CTV-PTV Margins in Stereotactic Radiosurgery: Do we need them?

15 June 2021, online

IOMP are holding a webinar on 'CTV-PTV Margins in Stereotactic Radiosurgery: Do we need them?' by ACPSEM member Dr John Shakeshaft and moderated by member Prof Eva Bezak. The talk will consider:



- Geometrical uncertainties in SRS including the magnitude of the different contributing factors
- How different treatment modalities differ and the potential effect on margin requirements
- The effect of imaging for treatment position verification on modern treatment systems
- The ICRU91 approach for clinical trials and clinical evidence for the use of CTV-PTV margins in SRS

[Register here](#)

Call for Contributions

We'd love to hear from you!

Tell us what you and your colleagues have done recently. Please contribute by emailing Kath at communications@acpsem.org.au

- Awards and achievements
- Events and activities
- Published articles, reviews, scientific notes, debates and feedback
- Pictures and videos

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