

17th- 18th NOVEMBER 2023  
NATIONAL CANCER CENTRE SINGAPORE



**LTWRAP**  
RADIOGRAPHY  
ADVANCED PRACTICE

4TH BIENNIAL GLOBAL CONFERENCE

**LTWRAP**

2 0 2 3



LEADING THE WAY IN RADIOGRAPHY & RADIOTHERAPY ADVANCED PRACTICE



*Celebrate*

Achievements  
Collaborations  
Impact

*Organised by*



*Partners*



*Sponsors*



*Official Venue*



# MESSAGE FROM ORGANISING CHAIRPERSON



On behalf of the organizing committee, it is with great pleasure that we extend a heartfelt welcome to the 4th Biennial Global Leading the Way in Radiography and Radiotherapy Advanced Practice (LTWRAP 2023) conference from November 17th to 18th, 2023.

LTWRAP stands as a beacon of international excellence in the fields of Radiography and Radiation Therapy Advanced Practice (AP). Our primary aim is to unite thought leaders and AP from across the globe. Together, we aspire to create a thriving community of practice where ideas, knowledge and best practices are shared freely, fostering advancements in our professions and inspiring the next generation of practitioners.

The overarching theme for this year's conference is "Celebration!" and there are numerous reasons to rejoice. One of them is the revival of in-person conferences, and what better place to celebrate this than Singapore! We invite you to join us in networking with diagnostic and therapeutic practitioners while gaining international perspectives on advanced practice. Prepare to be inspired by our distinguished keynote speakers and rejoice as we collectively showcase our achievements, collaborations and the profound impact of advanced practice. With the goal of igniting growth and progress within the Radiography and Radiotherapy AP community, we are confident that the diverse and multidisciplinary content of our conference program will be of immense benefit to all attendees.

This year's conference holds special significance as it coincides with World Radiography Day, a global observance celebrated annually in November. We are honoured to contribute to this meaningful movement by elevating the profiles of Radiographers and Radiation Therapists and highlighting the pivotal role we play in healthcare systems worldwide. Together, let us celebrate our noble profession as one.

We warmly welcome you to this conference and look forward to your participation in what promises to be a remarkable and transformative event.

Yours sincerely,  
Assoc. Prof. Sharon Wong  
Chairperson, Organizing Committee



The theme for this year's event :

### **Celebrate Achievements:**

Explore new implementations, roles, and directions in the field.

### **Celebrate Collaborations:**

Engage with the APRT international community, collaborative efforts, and groundbreaking initiatives.

### **Celebrate Impact:**

Delve into the positive differences our APs have made in their lives and the healthcare ecosystem.

MESSAGE FROM

SSR PRESIDENT



Dear radiographers, radiation therapists, educators, healthcare professionals and friends,

Welcome to the 4th Leading the Way for Radiography and Radiation Therapy Advanced Practice (LTWRAP) conference.

This conference is an excellent platform for us to explore the many ways in which we can enrich our professional lives and practice at the top of our licenses to bring excellent care to our present and future patients. Advanced practice is not an entirely new concept, it seems that we have been performing these roles for some time now; perhaps separately as a specialist clinician, researcher, educator or manager. I have come to appreciate now that being an advanced practitioner encompasses all these roles in one individual.

Despite this seemingly uphill challenge with resource constraints and demanding schedules, striving for advanced practice however underpins further professional development and progress that will shape many radiography and radiation therapy careers in the future. It is here at LTWRAP that we can begin carving the path to groom more advanced practice professionals.

We have experts from Australia, Canada, Ireland and the UK to share with us their experiences, knowledge and strategies for success. I invite you all to challenge our assumptions and current work processes to build a brighter future in advanced practice in radiography and radiation therapy in Singapore and around the world.

On behalf of the organising committee I wish you an enriching learning journey at LTWRAP 2023.

Denise Choong  
President of Singapore Society of Radiographers



*Denise Choong Ai Wen  
Principal Radiographer  
National University  
Hospital*



# APRT ORGANIZING COMMITTEE



**Sin Sze Yarn**

Senior Principal Radiation Therapist  
Head & Neck Advanced Practice  
National Cancer Centre Singapore  
Vice Chairperson, LTWRAP



**Lim Li Hoon**

Principal Radiation Therapist  
Breast Advanced Practice  
National Cancer Centre Singapore



**Nurul Tasha**

Senior Radiation Therapist  
Palliative Advanced Practice  
National Cancer Centre Singapore



**Jeannie Lin**

Senior Radiation Therapist  
Gynaecology Advanced Practice  
National Cancer Centre Singapore



**Ho Guan Da**

Senior Radiation Therapist  
Head & Neck Advanced Practice  
National University Cancer Institute  
Singapore



**Mizi Pawi**

Senior Radiation Therapist  
Lung Advanced Practice  
National Cancer Centre Singapore



# ORGANIZING COMMITTEE

## Singapore Society of Radiographers (SSR)



**Azizah Binte Mohamed Afif**  
Senior Principal Radiographer  
Singapore General Hospital  
Vice President, SSR  
Administrative & Academic, SSR



**Joyce Tan**  
Senior Principal Radiation Therapist  
National University Cancer Institute  
Singapore  
External Relations Chairperson, SSR  
Regional Coordinator for Public Relations &  
Communications for Asia-Australasia, ISSRT



**Tan Han Min**  
Radiation Therapist  
National Cancer Centre Singapore  
Student Chapter Liaison, SSR

## Scientific Program Committee Members (International)

Dr Kristie Matthews (Australia)

Dr Caroline Wright (Australia)

Ms Mary Job (Australia)

Dr Nigel Anderson (Australia)

Mr James Marcus (United Kingdom)

Dr Rachel Harris (United Kingdom, SCoR)

Dr Nicholas Woznitza (United Kingdom)

Ms Jo McNamara (United Kingdom)

Ms Kitty Chan (Canada)

Ms Carly McCuaig (Canada, Editor of JMIRS)

# KEYNOTE SPEAKERS



## Associate Professor Nicole Harnett Canada

### *The pursuit of happiness: Chasing advanced practice*

After qualifying as a radiation therapist in 1984, Nicole practiced clinically in Thunder Bay, ON before moving to the Odette Cancer Centre in Toronto, ON to join the RTT training program as faculty. She completed her masters degree in Medical Education and moved to the Michener Institute for Applied Health Science to build the first baccalaureate degree program for radiation therapy in Canada, served as the program director for several years and eventually became the Dean of Imaging and Laboratory Science. In 2004, Nicole moved to Princess Margaret Cancer Centre (PMCC) to build the Accelerated Education Program, the continuing education arm of the Radiation Medicine Program at PMCC and to oversee the Clinical Specialist Radiation Therapist Project Series at Cancer Care Ontario (2004 – 2016) as principal investigator, garnering over \$5M in financial support for the project over 12 years. Over the next several years, Nicole led the development of a new professional masters program at the Institute of Medical Sciences at the University of Toronto. It was the first and only masters program specifically designed for radiation therapists in Canada.

Since the conclusion of the CSRT Project Series in Ontario, Nicole has remained heavily involved in the development and sustainability of advanced practice in Ontario, Canada and beyond. She is currently the Chair of the APRT(T) Certification Steering Committee at the CAMRT and Co-Chair of the International Community of Practice for APRT. She has numerous peer reviewed publications, primarily focused on advanced practice in radiation therapy, including being co-editor of a book on research methodology for radiation therapists, and continues to share what she has learned from her experience with others who wish to support and build advanced practice in their local jurisdictions.

# KEYNOTE SPEAKERS



## **Associate Professor Jonathan McNulty United Kingdom**

*Creating the professional evidence*

Dr McNulty is an associate professor and the Vice Principal for Teaching and Learning of the College of Health and Agricultural Sciences; the largest constituent college within University College Dublin (UCD) with over 7,000 students. He is Associate Dean (Postgraduate Studies and Continuing Professional Development) in the UCD School of Medicine, where he oversees more than 70 postgraduate programmes and continuing professional development activities across the School and is a University Fellow in Teaching and Academic Development. He has delivered over 200 conference presentations, authored over 90 journal articles, and has held significant national and international research grants. He is a past president (2017–2021) of the European Federation of Radiographer Societies (EFRS), having sat on the Board since 2014. He is a past Chair of the EFRS Educational Wing, a network of 65 universities involved in radiographer education. Having been a reader, author, and reviewer with Radiography, he was appointed as the Associate Editor (Europe) in 2016 before being appointed as Editor-in-Chief in January 2022.



**INVITED**

**SPEAKERS**



**Dr Rachel Harris**  
The Society and College  
of Radiographer, UK

Rachel gained her DCR(T) in 1987 at The Portsmouth School of Radiography. In 1995, she attained an MSc in Social Research and then worked at The Plymouth Oncology Centre as the Superintendent Research Radiographer. In 2013, she attained a Doctorate in Clinical Research at The University of Exeter.

She has presented at various multidisciplinary conferences at international level; the results of her work have appeared in numerous journals. In November 2003 she was awarded an honorary medal from the University of Rome and Agostino Gemelli Hospital. Rachel has been a board member of numerous scientific committees of national and international conferences. In 2000, Rachel's name was published in Who's Who in the World.

Rachel joined the Society and College of Radiographers as a Professional Officer in May 2006 and is now the Head of Professional Practice and Education for the SCoR.



**Rebecca Height**  
Sunshine Hospital  
Radiation Therapy  
Centre, AUS

Rebecca Height is a Radiation Therapist, working as the Radiotherapy Manager of the Sunshine Hospital Radiation Therapy Centre, a Centre in partnership with Peter MacCallum Cancer Centre, since 2014. For 12 months (2022-23), Rebecca assumed the position of Program Director of Advanced Practice Radiation Therapy at Peter Mac, intended to develop and implement Advanced Practice Radiation Therapist roles within the service. As part of this project Rebecca has successfully attracted grant funding through the Victorian Department of Health and Peter Mac to commence three 2 year funded APRT fellowship positions.

Rebecca has a strong interest in research, high quality service provision, service development and person-centred care, having worked as a clinical radiation therapist at departments across Victoria and in the United Kingdom. She graduated from The University of Sydney with a Masters in Applied Science (Research) in 2011, for her Thesis titled "Dosimetric Impact of Volumetric and Spatial Changes during Head and Neck Radiation Therapy".





**INVITED**

**SPEAKERS**



**Dr Soong Yoke Lim**  
National Cancer  
Centre Singapore

Dr Soong is currently serving as Senior Consultant and Deputy Chair at the Division of Radiation Oncology, National Cancer Centre Singapore. He has more than two decades of experience in radiation oncology and sub-specialises in the management of patients with Gynaecological and Head and Neck cancers. He is involved in various local and international committees and has an interest in cancer survivorship. He is currently the Chair of Division of Cancer Education, and strongly believes in the role of education in improving the outcome for patients with cancer. Furthermore, he is the 1st Consultant who supported and mentored the 1st Head and Neck Advanced Practice Radiation Therapist at National Cancer Centre Singapore.



**Dr Charles Goh**  
Singapore General  
Hospital

Dr Charles Goh obtained his medical degree from the National University of Singapore in 2006 and specialist qualification in Diagnostic Radiology from the Royal College of Radiologists and National University of Singapore in 2013 and was awarded the Rohan Williams and Peh Eng Teck Memorial medals. He completed further training in Nuclear Medicine in 2017 for dual accreditation in Diagnostic Radiology and Nuclear Medicine. He is presently working as Consultant, Department of Nuclear Medicine and Molecular Imaging and Chief Medical Informatics Officer, SGH. He is actively involved in the training of residents and is a faculty member for the National Nuclear Medicine Residency Training Programme, National Diagnostic Radiology Residency Training Programme, National Family Medicine Residency Training Programme and the National Final MMed / FRCR Preparatory Course. He has helped organize multiple local and regional webinars, workshops, and conferences. He is presently serving as Administrative Board member of the Asian Oceanian School of Radiology, Education Committee Member for the Asian Oceanian School of Radiology, Council Member for the College of Radiologists and Vice President of the Singapore Radiological Society.



**INVITED**

# **SPEAKERS**



**Dr Nick Woznitza**  
University College  
London Hospital, UK

Dr Nick Woznitza is a consultant radiographer at University College London Hospitals, clinical academic at Canterbury Christ Church University and an honorary associate professor at the University College London school of medicine. His work is focused on enhancing and expanding the role of radiographers including radiographer reporting, advanced practice, lung cancer and artificial intelligence.

Nick is an accredited consultant practitioner with the College of Radiographers and advanced practitioner with ASMIRT. He was the overall winner at the 2017 Chief Allied Health Professions Officer awards and was awarded an MBE in the 2022 New Year's Honours list for services to radiography.



**Yat Tsang**  
Princess Margaret  
Cancer Centre, Canada

Yat Tsang is the Director of Radiation Therapy in the Radiation Medicine Program at the Princess Margaret Cancer Center in Toronto Canada. He is the new chair of European Society for Radiotherapy and Oncology Radiation Therapist (ESTRO RTT) Committee since May 2023.

Previously, he was jointly employed as a Consultant Therapeutic Radiographer at the Mount Vernon Cancer Center and the Associate Professor (Clinical Academic Careers) at the London South Bank University in UK.

Yat has published extensively on radiation oncology topics, including radiotherapy trial quality assurance, ultra-hypofractionated/ stereotactic radiotherapy treatment outcomes, and strategies to future-proofing radiation therapist practice.

0800-0900	<b>Registration</b>			
0900-0915	<b>Opening Address</b>			
	<i><b>Associate Prof. Sharon Wong</b></i> Chairperson of Organizing Committee of LTWRAP 2023			
0915-0925	<b>Speech by Guest of Honour</b>			
	<i><b>Mr. Baey Yam Keng</b></i> Senior Parliamentary Secretary Ministry of Sustainability and the Environment & Ministry of Transport			
0925-0930	<b>Photo-taking with Guest of Honour, committee and audience</b>			
0930-1015	<b>Keynote Lecture</b> <b>The Pursuit of Happiness: Chasing Advanced Practice</b>			
	<i><b>Associate Prof. Nicole Harnett</b></i> Princess Margaret Cancer Centre, Canada			
1015-1040	<b>Tea-Break</b>			
1040-1100	<b>Enhanced, Advanced and Consultant Practice in the UK</b>			
	<i><b>Dr Rachel Harris</b></i> The Society and College of Radiographers, UK			
1100-1200	<b>Oral Papers Presentation Session 1 (Moderator: Joyce Tan)</b>			
	1100-1115	1115-1130	1130-1145	1145-1200
	<i><b>Dr Jose Guilherme Couto</b></i> Being an Advanced Practitioner in Radiotherapy: European key stakeholders' insights	<i><b>Shaun Sae-Lieo</b></i> Divergence: Why invest in it? The local and broader impacts of investing in new roles and new directions.	<i><b>Meegan Shepherd</b></i> A collaboration between academic and clinical institutions: Steering Advanced Adapter Radiation Therapists towards Advanced Practice	<i><b>Prof Beverly Snaith</b></i> Governance of advancing practice: personal experiences of leading an organisational review
1200-1300	<b>Lunch</b>			
1300-1320	<b>Celebrate and collaborate: A quarter century of UK radiographer advanced practice and what the future holds</b>			
	<i><b>Dr Nicholas Woznitza</b></i> University College London Hospitals, United Kingdom			

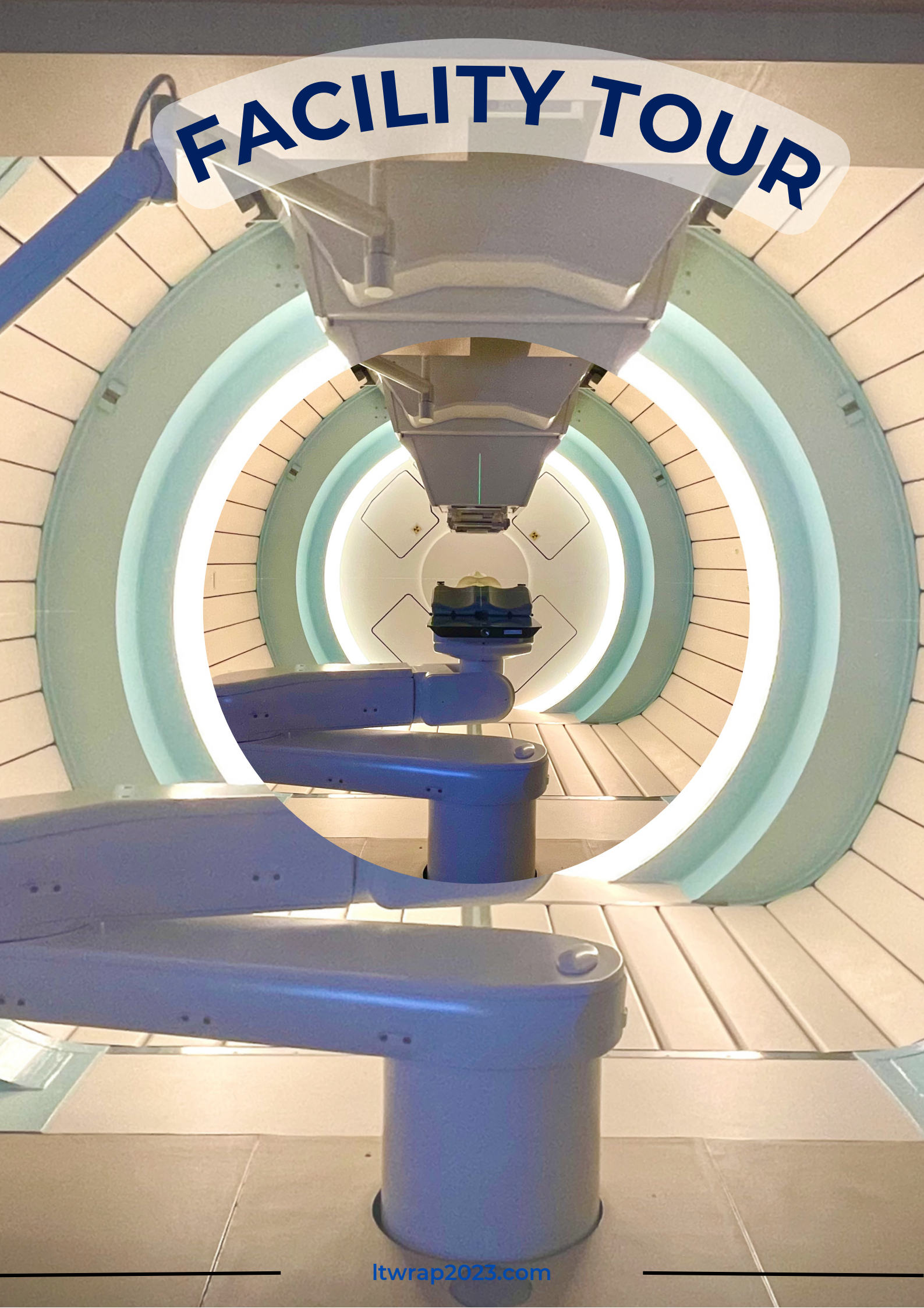


1320-1340	<b>An overview of the evidence for Advanced Practice and the ESTRO RTTC position on the future of AP for our profession</b>				
	<b>Dr Yat Tsang</b> Princess Margaret Cancer Centre, Canada				
1340-1455	<b>Oral Papers Presentation Session 2 (Moderator: Jessie Ng)</b>				
	1340-1355	1355-1410	1410-1425	1425-1440	1440-1455
	<b>Carol-Anne Davis</b> Uncharted Territory: Navigating and Optimizing a National APRT(T) oral examination certification model	<b>Kristie Matthews</b> An evidence-based framework for the implementation of radiation therapy advanced practitioners	<b>Meegan Shepherd</b> A Scoping Review of Advanced Practice in Online Adaptive Radiotherapy: Educational Needs and Training for Evidence and Opportunity Building	<b>Kitty YH Chan</b> Quantifying Advanced Practice Clinical Workload: 2 Years of Data	<b>Carol-Anne Davis</b> Examining Examsmanship: The 'je ne sais quoi' of Advanced Practice
1455-1525	<b>Tea-Break</b>				
1525-1610	<b>Panel Discussion: Advanced Practice in Radiography - From Vision to Reality</b>				
	<b>Moderator: Sharon Wong</b>				
	<b>Discussants:</b> Caitlin Gillan Denise Choong Rachel Harris Caitlin Tu Nicholas Woznitza Tan Tee Meng				
1610-1725	<b>Oral Papers Presentation Session 3 (Moderator: Azizah Mohd. Afif)</b>				
	1610-1625	1625-1640	1640-1655	1655-1710	1710-1725
	<b>Allie Tonks &amp; Caitlin Tu</b> Utilisation of radiographer commenting to reduce errors in the radiology department	<b>Caitlin Gillan</b> Breast of Intentions: opportunities and challenges in systematic exploration of advanced practice in breast imaging	<b>Dr. Mohamed Abuzaid</b> Impact: Making a Difference - Advancing Radiography Practice in the UAE	<b>Kerry Mills</b> Supporting the strategic leadership development of advanced and aspiring consultant radiographers - the good, the bad and the ugly	<b>Prof Beverly Snaith</b> Multi-profession recognition of advanced level practice in the UK: initial radiographer experience
1830-2130	<b>LTWRAP Gala Dinner &amp; World Radiography Day with SSR (Transport at 6pm from NCCS)</b>				



0800-0845	<b>Keynote Lecture Creating the Professional Evidence</b>			
	<b><i>Associate Prof Jonathan McNulty</i></b> University College Dublin, UK			
0845-0905	<b>Implementation of Advanced Practice Radiation Therapists: Understanding perceptions, challenges and defining an alternative model of care</b>			
	<b><i>Ms Rebecca Height</i></b> The Sunshine Hospital Radiation Therapy Centre, Australia			
0905-0925	<b>Impact of APRT Roles in the Management of Patients</b>			
	<b><i>Dr Soong Yoke Lim</i></b> National Cancer Centre Singapore			
0925-0945	<b>Advanced Practice in Radiography - Can this make a difference to quality care?</b>			
	<b><i>Dr Charles Goh Xian-Yang</i></b> Singapore Radiological Society (SRS)			
0945-1045	<b>Oral Papers Presentation Session 4 (Moderators: Joline Chua)</b>			
	0945-1000	1000-1015	1015-1030	1030-1045
	<b>Nicole Harnett</b> Local Action, Global Impact: Establishment of an Advanced Practice International Community of Practice	<b>Melanie Clarkson</b> Consultant Practice Roles in Radiotherapy: A Leeds Perspective	<b>Kitty YH Chan</b> Introduction of Brachytherapy Advanced Practice Radiation Therapy Roles in Canada	<b>Shaun Sae-Lieo</b> Collaborate to Transform: Using improvement science to harness collaboration and nurture innovation as a fundamental pillar of clinical operations
1045-1115	<b>Tea-Break</b>			
1115-1200	<b>Debate: "The journey to being an APRT is a prudent choice and a worthwhile endeavour?"</b>			
	<b>Moderator: Kristie Matthews</b>			
	<b>Proposition:</b> Carol-Anne Davis Jose Guilherme Couto Kitty YH Chan Yat Tsang	<b>Opposition:</b> Bronwyn Hilder Caroline Wright Lim Li Hoon Sin Sze Yarn		
1200-1300	<b>Radiation Oncology Department Facility Tour (including Goh Cheng Liang Proton Therapy Centre)</b>			
1300-1330	<b>Closing Address + Prize Presentation</b>			
	<b><i>Sin Sze Yarn</i></b> National Cancer Centre Singapore			

# FACILITY TOUR



# THANK YOU



Delightful Singapore

*where Passion is made Possible*



**CONTACT US**

 [admin@lwrap2023.com](mailto:admin@lwrap2023.com)

 [lwrap.com](http://lwrap.com)

 National Cancer Centre Singapore  
30, Hospital Boulevard S168583, Singapore

## Organised by



## Partners



The Society & College of Radiographers



## Sponsors

**varian**

A Siemens Healthineers Company

**transmedic**



Wellchem  
Pharmaceuticals



## Official Venue

