## Theme: Inspiring the Next Generation of Medical Physicists @ The Heritage Chiang Rai Hotel, Chiang Rai, Thailand

Time	23/1/	2025 (pre-co	ngress)	24/01/2025			25/01/2025			26/01/2025		
	Lanna	Herritage 1	Herritage 2	Radiotherapy (Grand Ballroom)	Diagnostic Imagiing (Herritage 1)	NM Imaging (Herritage 2)	Radiotherapy (Grand Ballroom)	Diagnostic Imagiing (Herritage 1)	NM Imaging (Herritage 2)	Radiotherapy (Grand Ballroom)	Diagnostic Imagiing (Herritage 1)	NM Imaging (Herritage 2)
08:00-08:30	Registration Pre-congress Workshop			Registration			Fundamental Principles of AI Relevent to Medical Physicists Chanon Puttanawarut			Flash Proton Therapy Martin Handschin Grossman	Radiation Protection Equipment in Diagnostic and Interventional Radiology Kosuke Matsubara	
08:30-09:00							Physics in THAI-QUATRO Chumpot Kakanapom	CT Technology and Dosimetry Katsumi Tsujioka	New Trends in PET/CT Technology Krisanat Chuamsaamarkkee	Comprehensive Cancer Center on the Cloud Powered by AI Siful Huq	Establishing a Comprehensive MR Safety Program in Clinical Environment Anzi Zhou	Administering Targeted Radionuclide Therapy - Safety and Quality Management Somanesan S.
09:00-09:30		AI in MP Curriculum Experience from IAEA Workshop: Anchali Krisanachinda, Chirasak Kinamfonghiruea Puangpen Tangboonduangit, Suphalak Khachorkham	AAPM TG100 Salful Huq Swe Swe Lin	Opening Ceremony Vanchai Sirichana, Chai Hong Yeong, Anchali Krisanachinda			Development of End-to-End 3D Dosimetry Audit for Advanced Radiotherapy Ahmad Taufek Abdul Rahman	3D C-arms with Volumetric Imaging Capability for Fluoroscopically-guided Interventions Lukmanda Evan Lubis	Frontiers in Theranostics: Exploring NLME and PBPK Models in Nuclear Medicine Deni Hardiansyah	TRS492 on Brachytherapy Dosimetry and the updated TRS398 Sakchai Buppaunqkul	Reproduction of Processing Steps of EPI Image Reconstruction by MRI Simulation Noriyuki Tawara	Advancements in Evaluating Terbium- 161 vs. Lutetium-177 for Enhanced Theranostic Application Shuichi Shiratori
09:30-10:00				John Cameron Memorial Lecture Smart Ideas Are Not Enough – The Role of Technological Innovations in Physics Applications for Medicine Martin Handschin Grossman			MRGRT: Clinical Implementation and Challenges Chanida Sathitwathanawirot	Patient Dosimetry in Pedriatic CT Kosuke Matsubara	Radionuclide Imaging and Therapy in Oncology Ponlawat Angsulajit	Evolution and Applications of SGRT Anirut Watcharawipha/ Sithiphong Suphaphong	Photon Counting CT: Principles and Applications Picha Shunhavanich	Exploring Novel Combined Therapeutic Strategies: EBRT & Targeted Radionuclide Therapy Thititip Tippayamontri
10:00-10:30				Opening Commercial Exhibition & Coffee Break			Coffee Break			Coffee Break		
10:30-11:00							Gel Dosimetry for Radiotherapy Akihiro Takemura	AI in Breast Cancer Screening Todsaporn Fuangrod	Quantitative Theranostic Nuclear Medicine: How Far Are We From Personalised Dosimetry? Chai Hong Yeong	Medical Physics and AI: Where Do We Start?  Daniel Carrion		
11:00-11:30				Pradub Atthakorn Memorial Lecture Reviewing Your High Dose Rate Brachytherapy Quality Assurance Program: Back to the Basics Allan Wilkinson			AAPM TG 267: Brachytherapy Pitchayut Nakkrasae	3D Cellular Arrangement Modeling: Trend for the Future	New Trends for Lu-177 Personalized Dosimetry using a Ring-shaped CZT- based Camera: the Game Changes? Kitiwat Khamwan	Beyond Language Barriers: Generative AI in Patient Communication  Mohamed Badawy		
11:30-12:00				The current and emerging revolution in ultrasound imaging technology  John Owen Gibson			TMPS-Varian RapidPlan Project Taweap Sanghangthum	Arunothai Wanta Harit boonyaputthikul	Implementation Dosimetry for molecular radiotherapy in South East Asia Region: what are we up to?  Nor Rahmah Hidayati	The Current IOMP Efforts for International Certification of Medical Physicists Allan Wilkinson		
12:00-13:00	0 Lunch			Lunch Symposium (GE) Imaging in Radiotherapy			Lunch Symposium (Saint Med)			Closing Ceremony & Awards		
13:00-13:30		ACOMP-ASEAN DRL Vannyat Ath (CAM), Rini Shintewati (IND), Nurmazaina Ariffin (MAL), Thinn Thinn Myint (NYM), Agnette Peralta (PHI), Somanesan 5 (SIN), Anchali Krisanachinda (THA), Shiwani Shayal (FLI), Ikunanoa Tohotoa (TON),	Workshop for Measuring the MTF of CT Scanners Katsumi Tsujioka	A Novel PET-Linac for Biological Guide Radiotherapy Salful Huq			Physics of Proton Therapy and Future Direction Wei Yang Calvin KOH	AAPM TG 368: Methodology for Establishing Exam-Specific Target Exposure Indices in General Radiography	AI in medical imaging and NM Yothin Rakvongthai	Lunch		
13:30-13:50	Point of Care Ultrasound (POCUS) Workshop John Owen Gibson Mae Fah Luang			3-Year Experience in Proton Therapy in Thailand Chonlakiet Khorpresert Napapat Amornwichet Vendor Talk: Bussiness Alignment			Proffered Papers in Radiation Oncology	Proffered Papers in Diagnostic Imaging	Proffered Papers in NM Imaging & Others			
13:50-14:10												
14:30-15:00		Women in MP Rini Shintawati(IND), Chai Hong Yeong(MAL), Swe Lin (MYM), Agnette Perata(PHI), Anchali Krisanachinda (THA)	Automation in Medical Physics Task Nat Siriuthunksjorn Wissawa Phoappapan Todsapom Fuangrad	Vendor Talk: Med-I			Coffee Break					
15:00-15:30				Coffee Break								
15:30-16:00				Breast Cancer Treatment: Photon vs Proton Kanjana Shotelersuk	Implementing a QM System in Diagnostic Radiology: The Roles of Clinical Medical Physicists Napapong Pongnapang	Trends in AI for MRI: An Introduction to the Latest Technologies Yasuo Takatsu	Proffered Papers in Radiation Oncology	Proffered Papers in Diagnostic Imaging	Proffered Papers in NM Imaging & Others			
16:00-16:30				Dose Verification in Organ Motion Radiotherapy Supriyanto Pawiro	Applied Physics in Thai Biomedical Inventions Sittiporn Punyanitya	Risk Control: Role of a Medical Physcist Not Only Optimization in Diagnostic Medical Activities Franco Milano						
16:30-17:00			-		TMPS Bussiness Meeting							Version 2-Dec-2024
18:00-21:00					Gala Dinner: Med-I							

Mae Fah Luang

ACOMI