



Program (Updated 20 October 2021)

Time	21-Oct-2021			22-Oct-2021			23-Oct-2021								
	Radiotherapy	Diagnostic	Nuclear Medicine	Radiotherapy	Diagnostic	Nuclear Medicine	Radiotherapy	Diagnostic	Nuclear Medicine						
07:30-08:00	Registration MS 5: Global Engagement through the AAPM's International Committee 1.Introduction 2.Global outreach activities of the IC 3.Global Needs Assessment 4.Equipment Donation Program Moderator: <i>Isabella Barreto</i> Speakers: <i>Isabella Barreto, Saiful Hui, Stephanie Parker</i>			ACOMP Lecture - Overview of AI in Medicine <i>Speaker: Kwan Hoong Ng</i>			JSMP Lecture: Introduction of Proton Therapy Moderator: <i>Mintra Keavsumur</i> Speaker: <i>Shigekazu Fukuda</i> Irradiation System and Accelerators of PT <i>Speaker: Kenji Hotta</i> Treatment Planning of PT <i>Speaker: Toshiyuki Toshito</i>			ACOMP Lecture - Regression Concept Lecture <i>Shier Nee Saw</i>					
08:00-08:10															
08:10-08:20															
08:20-08:30															
08:30-08:40	Opening Ceremony <i>Anchali Krisanachinda, Freddy Haryanto, (MC: Kitiwat Khamwan & Thititip Tippayamontri)</i>			ACOMP Lecture - Introduction to Machine Learning <i>Chu Kiong Loo</i>			Lecture - Primary Absorbed Dose Standards Dosimetry for Radiotherapy Moderator: <i>Chumpot Kakanaporn</i> Speaker: <i>Jan Saunijens</i>			ACOMP Lecture - Solving Regression Problem Hands-on Workshop <i>Shier Nee Saw</i>					
08:40-08:50															
08:50-09:00															
09:00-09:10															
09:10-09:20	John Cameron Memorial Lecture: Introduction by <i>Kwan Hoong Ng</i>			MS 6: Recent Development in PT Moderator: <i>Tawcap Sanghangthum</i> Speakers: <i>Haibo Lin, Sheng Huang</i>			Lecture - Primary Standard Laboratory in Thailand (OAP) Moderator: <i>Lakkana Apipanyasopon</i> Speaker: <i>Vithit Pungkun</i>			ACOMP Lecture - Develop Machine Learning Model for Medical Problems <i>Shier Nee Saw</i>					
09:20-09:30															
09:30-09:40															
09:40-09:50															
09:50-10:00	3D printing in medical imaging: opportunities and potential pitfalls for the medical physicist <i>Speaker: Peter Homolka</i>														
10:00-10:30	Commercial Video Presentation (Varian, LAP, RaySearch) <i>Moderator: Tanawat Tawonwong</i>			Commercial Video Presentation (Varian, LAP, RaySearch) <i>Moderator: Tanawat Tawonwong</i>			Lecture - Audit dosimetry in radiotherapy Moderator: <i>Chirapha Tannanonta</i> Speaker: <i>Supriyanto Pawiro</i>			Commercial Video Presentation (Varian, LAP, RaySearch) <i>Moderator: Tanawat Tawonwong</i>					
10:30-10:40	Lecture: Novel imaging biopsy models for characterizing tumors and its surrounding tissue <i>Moderator: Anchali Krisanachinda, Speaker: Hidetaka Arimura</i>			Lecture: New Innovations in Cancer Treatment: 2020 and Beyond Moderator: <i>Puangpen Tangboonduangit</i> Speaker: <i>Saiful Hui</i>			MS 7: SEAFOMP-Education and Clinical Training of MP in ASEAN region. Chair: <i>Supriyanto Pawiro</i> Speakers: <i>Supriyanto, Jeannie Wong, Agnette Peralta, James Lee, Tawcap Sanghangthum</i>			TPS and Small Fields – issues and challenges Moderator: <i>Puangpen Tangboonduangit</i> Speakers: <i>James Lee, Tan Hong Qi, Indra Das</i>			MS 9: SEAFOMP- Research in Medical Physics Chair: <i>Chai Hong Yeong, Jaanta Wong</i> Speakers: <i>Anne Hwanok,Hoffe,M Zia</i> MS 10: SEAFOMP - ASEAN Woman in Medical Physics Chair: <i>Agnette Peralta</i> Speakers: <i>Rini Shintawati, Viphaphone Apharong, Malcom Pannuchek,Marreen Bojador,Laurenzetta Ariany,Wannapa Nopnapp</i>		
10:40-10:50															
10:50-11:00															
11:00-11:10															
11:10-11:20	MS 1: SEAFOMP Proton Therapy Situation in ASEAN Moderator: <i>Napapat Amornwichee, Speaker:Chonlakiet Khorprasert, James Lee</i>			Lecture: Optimization mathematics for medical physics Moderator: <i>Anchali Krisanachinda</i> Speaker: <i>Hidetaka Arimura</i>			MS 8: SEAFOMP - Accreditation of MP education & training - Future MP education Chair: <i>Supriyanto Pawiro</i> Speaker: <i>Kwan Hoong Ng, Supriyanto Pawiro</i>			ACOMP - Updates in Targeted Radionuclide Therapy Moderator: <i>Kitiwat Khamwan</i> Speakers: <i>Chai Hong Yeong, Krisanat Chuansaamarkkee, S Somanesan, Kitiwat Khamwan, Tay Young Soon, Nur Hidayati</i>					
11:20-11:30															
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11:50-12:00	MS 2: SEAFOMP -Establishment of ASEAN Diagnostic Reference Levels (ADRLs) Moderator: <i>Anchali Krisanachinda</i> Speakers: <i>Donald McLean, Noriah Jamal, Kosuke Matsubara</i>														
12:00-12:10	Commercial Video Presentation DispoMed, Siemens, PT Healthcare, Varian, LAP, RaySearch Moderator: <i>Tanawat Tawonwong</i>			Commercial Video Presentation DispoMed, Siemens, PT Healthcare, Varian, LAP, RaySearch Moderator: <i>Tanawat Tawonwong</i>			Lunch-Symposium Clinical Implementation & Experience utilizing advanced IGRT features on TrueBeam Moderator: <i>Sirinya Ruangchan</i> Speaker: <i>Puleng Moleme (Varian, BA)</i>			Room 2 SEAFOMP EXCOM Meeting					
12:10-12:20															
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12:40-12:50															
12:50-13:00															
13:00-13:10	MS 3: JSRT- Radiological Technology for COVID-19 Moderator: <i>Junji Shiraishi</i> Speakers : <i>Junji Shiraishi, Zoe Brady, Mitsuhiro Nakamae, Takashi Imori, Kosuke Matsubara</i>			Proffered Papers in RT 13:00-17:00 (Chair: <i>Sivalee/Supalak</i>) (Chair: <i>Chirapha/Chumpot</i>)			Proffered Papers in Dx 13:00-17:00 (Chair: <i>Anchali/Lakkana</i>) (Chair: <i>Kitiwat</i>)			Proffered Papers in NM+Dx 13:00-17:00 (Chair: <i>Tanawat/Panya</i>) (Chair: <i>Taratip/Thititip</i>)					
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14:40-14:50	Lecture: Guidelines for the Certification of Clinically Qualified Medical Physicists Moderator: <i>Puangpen Tangboonduangit</i> Speaker: <i>Giorgia Loreti</i>			The Intelligent and Remote Oncology Learning Solutions for Modern Radiology Training Moderator: <i>Sivalee Suriyapee, Speakers: Christopher Ng, Guan Heng Tay (Varian, BA)</i> Unity MRL global update and small field clinical cases Moderator: <i>Sivalee Suriyapee, Speaker: Benn Perkins (Elekta, PBI)</i> Introducing your Smart Physics Assistant - accelerating QA and treatment planning workflows Moderator: <i>Sivalee Suriyapee, Speaker: Raniel Sarmiento (Elekta, PBI)</i> Radixact Generation3 with Volo Ultra Moderator: <i>Sivalee Suriyapee, Speaker: Martin Huang (Yu-Wei) (Accuray, Sukosol)</i> SunCHECK-Automated Patient & Machine QA Moderator: <i>Sivalee Suriyapee, Speaker: Yamini Sivashunmuga (Sun Nuclear, Sukosol)</i> Implementation of Spectral Detector CT for Improved Characterization of Incident Lesions Moderator: <i>Anchali Krisanachinda, Speaker: Peter Wang (Philips)</i> PET Image Quality: Impact of Sensitivity, Resolution, Motion Correction and Reconstruction Moderator: <i>Panya Pasawang, Speaker: Jean Paul Bounhik (GE Medical System, Thailand)</i>											
14:50-15:00															
15:00-15:10	Lecture: AI Era in Radiation Oncology Moderator: <i>Sigaluk Khachonkham</i> Speaker: <i>Di Dietmar Georg</i>						NDRLs PCI Moderator: <i>Anchali Krisanachinda</i> Speaker: <i>Suphot Srimahachota</i>			Refresher Course on Radiation Safety in Diagnostic and Interventional Radiology Moderator: <i>Kitiwat Khamwan</i> Speaker: <i>Kosuke Matsubara</i>					
15:10-15:20	Progress on ADRLs Moderator: <i>Anchali Krisanachinda</i> Speakers: <i>Vanny Ath, Lukmanda, Viphaphone, Nurmazatina, KY Mun, Anchali</i>						AI in Obstetrics Ultrasound Imaging Moderator: <i>Kitiwat Khamwan</i> Speaker: <i>Shier Nee Saw</i>								
15:20-15:30	MS 4: TMPS-ProBeam Proton Therapy Commissioning during COVID-19 Pandemic Moderator: <i>Tawcap Sanghangthum</i> Speakers: <i>Tawcap Sanghangthum, Sirinya Ruangchan, Mintra Keavsumur</i>						UNSCEAR Thailand DR 2020 Moderator: <i>Anchali Krisanachinda</i> Speakers: <i>Anchali Krisanachinda, Suphot Srimahachota, Anong Singwongsoy, Suphanat Thaprats</i>			Lecture: Current issues and future perspectives of optimization in diagnostic radiology Moderator: <i>Kitiwat Khamwan</i> Speakers: <i>Noriah Jamal, Virginia Tsapaki</i>					
15:30-15:40	Lecture: 3D Breachtherapy (GEC-ESTRO) Moderator: <i>Chumpot Kakanaporn</i> Speaker: <i>Napapat Amornwichee</i>						Progress on ADRLs Moderator: <i>Anchali Krisanachinda</i> Speakers: <i>Vanny Ath, Lukmanda, Viphaphone, Nurmazatina, KY Mun, Anchali</i>			AI in Obstetrics Ultrasound Imaging Moderator: <i>Kitiwat Khamwan</i> Speaker: <i>Shier Nee Saw</i>					
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15:50-16:00	MS 4: TMPS-ProBeam Proton Therapy Commissioning during COVID-19 Pandemic Moderator: <i>Tawcap Sanghangthum</i> Speakers: <i>Tawcap Sanghangthum, Sirinya Ruangchan, Mintra Keavsumur</i>						UNSCEAR Thailand DR 2020 Moderator: <i>Anchali Krisanachinda</i> Speakers: <i>Anchali Krisanachinda, Suphot Srimahachota, Anong Singwongsoy, Suphanat Thaprats</i>			Lecture: Current issues and future perspectives of optimization in diagnostic radiology Moderator: <i>Kitiwat Khamwan</i> Speakers: <i>Noriah Jamal, Virginia Tsapaki</i>					
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17:00-17:30	TMPS Business Meeting			World Congress 2022 (Promotion) Moderator: <i>Thititip Tippayamontri</i> Speaker: <i>James Lee</i>			SEAFOMP Young Leader Award (YLA), Presentation Awards and Closing Announcement: <i>Anchali Krisanachinda</i> MC: <i>Kitiwat Khamwan & Thititip Tippayamontri</i>								