

16/6/2019 (Sunday)

Session	Pao Yue Kong Auditorium	Lim Por Yen Lecture Theatre
8:30 - 9:00	Registration	

	Student Presentation Session <i>Moderator: Mr. Mike LAI</i>	
9:00 - 9:12	Evaluation on the Correlation of Scan Orientation and Thyroid Gland Stiffness in Shear Wave Elastography: in Vitro Animal Specimen and in Vivo Human Studies <i>Mr. Wai Kwan LAU, Hong Kong</i>	
9:12 - 9:24	Investigation of Photoacoustic Imaging-guided Photothermal Therapy using Gold Nanostars <i>Ms. Wing Sum LAU, Hong Kong</i>	
9:24 - 9:36	Dosimetric Comparison Between Adjuvant Radiotherapy Using Forward-planned Intensity-modulated Radiation Therapy with Simultaneous-integrated Boost (FIMRT-SIB) and with Electron Boost (FIMRT-EB) in Breast Carcinoma Patient with Breast Conservative Surgery (BCT) – a Phantom Study <i>Ms. Pui Pik Stella HO, Hong Kong</i>	
9:36 - 9:48	An Evaluation of the Dosimetric Advantage of Jaw-tracking Technique (JTT) on Different Target Size of Nasopharyngeal Cancer Treated by Dynamic Intensity-modulated Radiation Therapy – a Retrospective Study <i>Mr. Long Sang Wilson CHAN, Hong Kong</i>	
9:48 - 10:00	Investigation of Contrast-enhanced T1-weighted (CE-T1W) Magnetic Resonance Imaging (MRI)-based Radiomics as Biomarkers for Predicting Disease Free Survival (DFS) and Adaptive Radiotherapy (ART) for Advanced Stage Nasopharyngeal Carcinoma <i>Ms. Ka Yan Theresa TSE, Hong Kong</i>	
10:00 - 10:12	Automated Detection of Pneumothorax by Using Convolutional Neural Network and its Potential in Facilitating Radiographic Interpretation <i>Mr. Ka Wah SZE, Hong Kong</i>	

10:15 - 10:30	Tea Break
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	Proffered Papers (Diagnostic Radiography) <i>Moderator: Ms. Fiona MAK</i>	Proffered Papers (Radiation Therapy) <i>Moderator: Mr. Eric LEE</i>
10:30 - 10:40	Application of AI DR Quality Control in Remote Image Diagnosis <i>Dr. Yi ZHANG, Mainland China</i>	A Dosimetric Comparison of the Use of Equally Spaced Beam (ESB), Beam Angle Optimization (BAO) and Volumetric Modulated Arc Therapy (VMAT) in the Intensity Modulated Radiotherapy (IMRT) of Head and Neck Cancers <i>Mr. Wan Shung LEUNG, Hong Kong</i>
10:40 - 10:50	An Investigation on the Efficiency and Effectiveness in Dose Reduction to the Population of Computed Tomography Examinations with the Implementation of a National/ Regional Diagnostic Reference Levels (DRL) Program – a Retrospective Study <i>Mr. Ting Hei Edward WONG, Hong Kong</i>	Evaluation of Dosimetric Consequences of Setup Errors on NPC Using VMAT <i>Mr. Cheuk Him Alex LIU, Hong Kong</i>

10:50 - 11:00	Tuberculosis Suspicion in Ultrasound Imaging of Scrotal Complications: a Case of a Central Hospital in Zimbabwe Ms. Nonhlanhla CHAMBARA, Hong Kong	Utilizing Deformable Image Registration in Evaluation of Anatomic Changes over the Course of Lung SBRT and the Accumulated Dosimetric Deviation Mr. Chi Hang MAK, Hong Kong
11:00 - 11:10	Pilot of Auto Exam Result Capture in Bone Densitometry to Hospital Radiology Information System via HL7 Sender Ms. Sin Yee Monica CHU, Hong Kong	Hippocampal-Sparing Capabilities of Partial-field Volumetric Modulated Arc Therapy During Whole-Brain Radiation Therapy Mr. Hei Long Adams YUEN, Hong Kong
11:10 - 11:20	Computer-assisted Ultrasound Assessment of Plaque Characteristics in Radiation-induced and Non-radiation-induced Carotid Atherosclerosis Ms. Yuanxi LI, Hong Kong	
11:20 - 11:30	Radiomics Based on ADC Maps Using RS-EPI Sequence: Diagnostic Accuracy for Assessment of Rhinitis Mr. Zhian YANG, Mainland China	
11:30 - 11:40	Application Study for Differentiation Pulmonary Embolism From Truncation Artifacts in Contrast-enhanced Pulmonary MRA Ms. Qing FU, Mainland China	

11:40 - 13:00	Lunch
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	Invited Lectures (Diagnostic Radiography) Moderators: Mr. Thai Van LOC & Mr. Lawrence YIP	Invited Lectures (Radiation Therapy) Moderators: Ms. Joyce TAN & Mr. Dragon LIU
13:00-13:30	A Brief Introduction to AI in Radiology and Early Results from Queen Mary Hospital Dr. Benjamin Xin Hao FANG, Hong Kong	Clinical Practice of Cyberknife M6 in SBRT to Lung, Liver and Prostate Cancers Mr. Imen K.M. KU, Hong Kong
13:30 - 14:00	State-of-the-Art Ultrasound Imaging Technique for Assessment and Orthotic Treatment of Adolescent Idiopathic Scoliosis Dr. Man Sang WONG, Hong Kong	Image Guided Brachytherapy in Gynaecological Cancer Dr. Wing-ling YIP, Hong Kong
14:00 - 14:30	How to Meet the New Challenges in MRI Imaging Mr. Christopher AU, Singapore	Artificial Intelligence and Its Impact on the Role of Radiation Therapists Ms. Stephanie LOO, Singapore

14:30 - 17:00	Hospital Visits Hospital Visit A : Hong Kong Children's Hospital (Department of Radiology) Hospital Visit B : Hong Kong Sanatorium & Hospital Eastern Medical Centre (Departments of Radiation Oncology and Diagnostic Radiology)
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