

Smart Quality Control in Precision Cancer Screening 15TH IACCS

International Asian Cancer and Chronic Disease Screening Network

December 5-7, 2024
Goyang, South Korea

Agenda

<https://www.iaccs.asia>



Smart Quality Control in Precision Cancer Screening

Machine Learning in Cancer Screening

Dec 5 (Thursday)

Time: 13:30-17:40

Venue: Room 401, Korea International Exhibition Center 2, KINTEX No. 2

Time	Topic	Speaker	Moderator
13:00-13:30	Registration		
13:30-13:40	Opening Remark		Yeol Kim Shi-Lun Wei Chen-Yang Hsu
13:40-14:30	Artificial Intelligence for Breast Cancer Screening	Laszlo Tabar	Jung-Chen Chang Chang Kyun Choi
14:30-14:50	AI-empowered Breast Cancer Screening in the Metaverse	Amy Ming-Fang Yen	
14:50-15:20	Precision Screening for Lung Cancer with Risk-based Approach	Tony Hsiu-Hsi Chen	
15:20-15:40	Economic Evaluation of Precision Screening for Lung Cancer-Bayesian Network with Machine Learning Algorithms	Chen-Yang Hsu	
15:40-16:00	Coffee Break		
16:00-16:30	The Intelligent Use of f-Hb (FIT) to Support Early Diagnosis of CRC	Sally Benton	Sam Li-Sheng Chen Chao-Chih Lai
16:30-16:50	Metaverse-based Approach to Personalized Prevention of Colorectal Cancer	Abbie Ting-Yu Lin	
Metaverse Healthcare Website			
16:50-17:10	Artificial Intelligence in Personalized Risk Assessment of Breast Cancer	Wenly Chiu-Wen Su	
17:10-17:30	Metaverse in Precision Prevention of Breast Cancer	Abbie Ting-Yu Lin	
17:30-17:40	Closing Remark		Yeol Kim Chen-Yang Hsu Tony Hsiu-Hsi Chen



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IACCS-KNCC Joint Symposium

Dec 6 (Friday)

Time: 08:50-18:30

Venue: International Conference Hall, 8th Floor, Korea National Cancer Center

Time	Topic	Speaker	Moderator
08:20-8:50	Registration		
08:50-9:00	Opening Remark		Han-Kwang Yang Tony Hsiu-Hsi Chen Chen-Yang Hsu
Organized Precision and Smart Lung Cancer Screening			
09:00-9:20	Precision Lung Cancer Screening with Smart Quality Assurance	Tony Hsiu-Hsi Chen	Robert Smith Kai-Jen Chuang
09:20-9:40	Population-based Lung Cancer Screening Quality Control using AI and Cloud system in Korea	Yeol Kim	
9:40-10:00	Application of Artificial Intelligence in Early Lung Cancer Detection Using Low-dose CT	Florian J. Fintelmann	
10:00-10:20	Smart and Risk-based Low-dose CT Service Screening in Taiwan	Yu-Sen Huang	
10:20-10:40	Panel Discussion All Speakers and Moderators		
10:40-11:00	Coffee Break		
State-of-the-Art Lung Cancer Screening Models			
11:00-11:20	Cancer Screening at a Crossroad: Organized Screening, Personalization, and AI	Eugenio Paci	Yeol Kim Chen-Yang Hsu
11:20-11:40	AI-driven Imaging and Biomarker Screening for Lung Cancer	Fu-Zong Wu	
11:40-12:00	Lung Cancer Screening in Asian Pacific Regions with Metaverse Health Care Perspective	Abbie, Ting-Yu Lin	
12:00-12:20	Panel Discussion All Speakers and Moderators		
Lunch			
12:30-13:30	KNCC Cancer Prevention and Screening Center Tour		



Time	Topic	Speaker	Moderator
New Paradigm of Cervical Cancer Screening and Prevention			
13:30-13:50	Screening in HPV Vaccinated Cohorts	Tony Hsiu-Hsi Chen	Chiung-Ru Lai Jung-Chen Chang
13:50-14:10	New Molecular Markers and Implementation of Risk-based Cervical Cancer Screening	Francesca Carozzi	
14:10-14:30	HPV Associated with Oral Cancer and Cervical Cancer Prevention in India	Malliga J Subramanian	
14:30-14:50	Cervical Cancer Screening Registry in Vietnam: A Situation Analysis and International Experience	Binh Thang Tran	
14:50-15:10	Panel Discussion All Speakers and Moderators		
Breast Cancer Screening Model Beyond EBM			
15:10-15:30	AI-enabled Smart Quality Control for Breast Cancer Screening	Minji Song	King-Jen Chang Eugenio Paci
15:30-15:50	AI-empowered Precision Breast Cancer Surgery in the Era of Population-based Screening	Hsien-Tang Yeh	
15:50-16:10	AI-enabled Management Model for Breast Cancer Screening	Pongdech Sarakarn	
16:10-16:30	Global Breast Cancer Screening Model with Metaverse Perspective	Amy Ming-Fang Yen	
16:30-16:50	Panel Discussion All Speakers and Moderators, Chisato Hamashima, Tran Thi Thanh Huong		
16:50-17:10	Coffee Break		
Smart Oral Cancer Screening Model			
17:10-17:30	Smart Health Care for Oral Potential Malignant Disorder and Oral Cancer	Mu-Kuan Chen	Mu-Kuan Chen Francesca Carozzi
17:30-17:50	Burden and Novel Initiatives to Control Oral Cancer in Asia	Hemantha Amarasinghe	
17:50-18:10	Smart Quality Assurance for Global Oral Cancer Prevention	William Wang-Yu Su	
18:10-18:30	Panel Discussion All Speakers and Moderators		



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IACCS-KAHS Joint Symposium

Dec 7 (Saturday)

Time: 09:00-17:50

Venue: Rooms 401 and 402, Korea International Exhibition Center 2, KINTEX No. 2

Time	Topic	Speaker	Moderator
08:30-9:00	Registration		
09:00-9:10	Opening Remark		Hsiu-Hsi Chen
Keynote Speech			
09:10-9:40	Quality Control Strategies in Population-based Colon Cancer Screening	Hyun-Soo Kim	Robert Smith
Colorectal Cancer Screening Session			
09:40-10:00	Temporal Trend of T1 Colorectal Cancer in Taiwan 2004-2021: Organized Screening Program Perspectives	Han-Mo Chiu	Hyun Soo Kim Takahisa Matsuda
10:00-10:20	Endoscopic Treatment of T1 CRC and its Clinical Outcomes	Chang-Mo Moon	
10:20-10:40	Coffee Break		
10:40-11:00	AI Empowered Guideline for Colorectal Cancer Screening	Robert Smith	Jeong-Sik Byeon Masau Sekiguchi
11:00-11:20	Application of AI for Quality Assurance and Audit in CRC Screening Program	Takahisa Matsuda	
11:20-11:40	Utilizing Big Data to Enhance the Performance of CRC Screening Programs	Esther Toes-Zoutendijk	
11:40-12:00	Application of Machine Learning for Cost-effectiveness Analysis of Colorectal Cancer Screening	Sam Li-Sheng Chen	
12:00-12:20	Panel Discussion All Speakers and Moderators		
Lunch Symposium Hosted by HPA and Co-hosted with KAHS Opening Remark: Deputy Director-General Shi-Lun Wei, HPA			
12:20-12:40	Gastric Cancer Prevention in Taiwan	Yi-Chia Lee	Tsung-Hui Hu



Time	Topic	Speaker	Moderator
12:40-13:00	Ensuring High-quality of Colonoscopy: No Magic but Only Basic	Jae-Myung Cha	Jae Gyu Kim
12:00-13:30	Poster Session [Room 403]		
Digestive Cancer Screening Session			
13:30-13:50	Optimizing Liver Cancer Screening: Effective Strategies and Practices	Young-Suk Lim	Tsung-Hui Hu Dong-Soo Han
13:50-14:10	Precision Surveillance for HCC in Chronic HBV Carrier	Tai-Chung Tseng	
14:10-14:30	Screening for GC Coupled with H pylori Eradication	Il-Ju Choi	
14:30-14:50	AI-assisted Digestive Cancer Screening	Wen-Fong Hsu	
14:50-15:10	Panel Discussion All Speakers and Moderators, Jie Hyun Kim		
15:10-15:30	Coffee Break		
Emerging Modalities and Informatics Related to Cancer Screening			
15:30-15:50	Precision Screening: Prostate Cancer as an Example	Anssi Auvinen	Won-Chul Lee Chang-Young Park
15:50-16:10	Risk Prediction and Precision Cancer Screening Strategy Using National Cancer Big Data	Kui Son Choi	
16:10-16:30	Community-based Multiple Disease Screening Program in Taiwan	Chen-Yang Hsu	
16:30-16:50	Individualized Cancer Prevention and Screening Combination with Chronic Disease Management in Clinic	Young Chang	
16:50-17:10	Quality Control for Overdiagnosis and Choosing Wisely Recommendations for Cancer Screening	Seung-Kwon Myung	
17:10-17:30	Panel Discussion All Speakers and Moderators, Jae-Yong Han, Joong-Won Yoon		
17:30-17:50	Closing Remarks		
18:30-20:30	Gala Dinner		

