**APEC Conference on Digital Healthcare Innovation –**

**COVID-19 Response by Health Information Utilization**

September 21-22, 2022

**Day 1・21 September 2022** **Taipei/UTC+8**

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| **Time** | **Agenda** |
| 09:00-09:30 | Registration |
| 09:30-10:00 | ***Opening remarks*** |
| 09:30-09:40  09:40-09:50  09:50-10:00 | Dr. Chung-Liang Shih, Vice Minister, Ministry of Health and Welfare  Ms. Sharon S.N. Wu, APEC Senior Official; Director General, Department of International Organization, Ministry of Foreign Affairs  Dr. Po-Chang Lee, Director General, National Health Insurance Administration, Ministry of Health and Welfare |
| 10:00-10:10 | **Group photo** |
| 10:10-10:30 | **Break and Media time** |
|  | **Plenary 1: Digital transformation of healthcare and related innovations** |
| 10:30-10:45 | Moderator: Dr. Ray-Jade Chen, Chair Professor of Surgery, School of Medicine, Taipei Medical University; Consultant Surgeon, Taipei Medical University Hospital |
| 10:45-11:00 | ***How the IT system of National Health Insurance plays a role in fighting COVID-19***  Speaker: Dr. Po-Chang Lee, Director General, National Health Insurance Administration, Ministry of Health and Welfare |
| 11:00-11:15 | ***Telemedicine policies in the USA***  Speaker: Dr. Peter Chuanyi Hou, Assistant Professor of Emergency Medicine, Harvard Medical School, USA |
| 11:15-11:30 | ***Reimagining Health - Digital Health Transformation Post-pandemic***  Speaker: Dr. Maheshwara Rao A/L Appannan, Senior Principal Assistant Director, Disease Control Division, Ministry of Health, Malaysia |
| 11:30-11:50 | **Panel discussion**  Moderator: Dr. Ray-Jade Chen  Panelists: Dr. Po-Chang Lee, Dr. Peter Chuanyi Hou, Dr. Maheshwara Rao A/L Appannan |
| 11:50-13:30 | Lunch |
|  | **Plenary 2：New health policies and challenges in the post-pandemic era** |
| 13:30-13:45 | Moderator:  Dr. Jiun-Yu Yu, Associate Professor, College of Management, National Taiwan University |
| 13:45-14:00 | ***“MorPrompt”, Leveraging COVID-19 for digital heath transformation in Thailand***  Speaker: Dr. Supharerk Thawillarp, Head of IT Unit, Division of Epidemiology, Ministry of Public Health, Thailand |
| 14:00-14:15 | ***Artificial intelligence model for pneumonia detection in chest X-ray images***  Speaker: Dr. Jung-Hsien Chiang, Distinguished Professor, Department of Computer Science and Information Engineering, NCKU and the  CEO of Health Data Resource Center, NCKU Hospital |
| 14:15-14:30 | ***Accelerating digital health transformation***  Speaker: Dr. Ted Chang, Co-Chair, APEC ABAC Digital Working Group; CTO, VP&GM, Quanta Computer |
| 14:30-14:50 | **Panel discussion**  Moderator: Dr. Jiun-Yu Yu  Panelists: Dr. Supharerk Thawillarp, Dr. Jung-Hsien Chiang, Dr. Ted Chang |
| 14:50-15:10 | **Break** |
|  | **Plenary 3: Telehealth and the future for hospitals** |
| 15:10-15:25 | Moderator:  Dr. Cheng-Hua Lee, Deputy Director General, National Health Insurance Administration, Ministry of Health and Welfare |
| 15:25-15:40 | ***Sustainability of telehealth beyond the COVID-19 pandemic***  Speaker: Prof. Anthony Smith, Director of the Centre for Online Health, the University of Queensland, Australia; and Adjunct Professor at the University of Southern Denmark |
| 15:40-15:55 | ***Telemedicine: in-country and cross border arrangements, what are the options?***  Speaker: Dr. Enrique Tayag, Director of Knowledge Management and Information Technology Service, Department of Health, the Philippines |
| 15:55-16:10 | ***The conceptual road map to the future hospitals in metaverse***  Speaker: Dr. Yi-Lwun Ho, Director of the Department of Internal Medicine and Director of the Telehealth Center at National Taiwan University Hospital |
| 16:10-16:30 | **Panel discussion**  Moderators: Dr. Cheng-Hua Lee and Dr. Jiun-Yu Yu  Panelists: Prof. Anthony Smith, Dr. Enrique Tayag, Dr. Yi-Lwun Ho |

**Day 2・22 September 2022 Taipei/UTC+8**

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| **Time** | **Agenda** |
| 09:00-09:30 | Registration |
|  | **Plenary 4: Bring artificial intelligence in action in healthcare** |
| 09:30-09:45 | **Moderator:**  Dr. Feipei Lai, Professor, Department of Computer Science and Information Engineering, National Taiwan University |
| 09:45-10:00 | ***Role of Technology in Promoting SDG 3 and SDG 5***  Speaker: Dr. Padmini Murthy, Professor and Global Health Director at the School of Health Sciences and Practice at New York Medical College, USA |
| 10:00-10:15 | ***Framework of support for utilization of AI in medical and health sector conducted by MHLW, Japan***  Speaker: Mr. Takuro Umekita, Unit Chief, Office of the Counsellor for Information and Technology Management under the Director-General for Statistics, Information Policy and Industrial Relations, Ministry of Health, Labour and Welfare, Japan |
| 10:15-10:30 | ***The current status of AI use in the Korean health care system and the acceptance of AI by the National Health Insurance***  Speaker: Dr. Hyoung-Sun Jeong, Professor, Department of Health Administration, College of Software and Digital Healthcare Convergence, Yonsei University, Korea |
| 10:30-10:50 | Break |
| 10:50-11:00 | **Moderator**:  Dr. Shu-Ling Tsai, Deputy Director General, National Health Insurance Administration, Ministry of Health and Welfare |
| 11:00-11:15 | ***Leveraging hospital resources to accelerate medical AI development***  Speaker: Dr. Chang-Fu Kuo, Director of The Center for Artificial Intelligence in Medicine; Chang Gung Hospital |
| 11:15-11:40 | **Panel discussion**  Moderators: Dr. Feipei Lai and Dr. Shu-Ling Tsai  Panelists: Dr. Padmini Murthy, Mr. Takuro Umekita, Dr. Hyoung-Sun Jeong, Dr. Chang-Fu Kuo |
| 11:40-11:50 | **Closing remarks**  Dr. Po-Chang Lee, Director General, National Health Insurance Administration, Ministry of Health and Welfare |