Day 1: November 21 (Sat), 2020

08:30 - 09:10 Hall-A
APAN2020 Opening Ceremony
Moderator: Ralf Otto, ANI Media
Participants: Vojirtra Y. W. Devesuwakul, Yu-Chuan Jack Li and Michio Kimura

09:10 - 10:00 Hall-A
APAN2020 Special Keynote Session I : HL7 Pilot
Moderator: Mihoko Okada, Institute of Health Data Infrastructure for All Japan

09:10 - 10:00 Keynote Speaker: Wireless Ed Hermsen
Affiliation: Lister Hill National Center, National Library of Medicine (NLM), National Institutes of Health (NIH), USA
Title: All About FHIR™

10:10 - 11:00 Hall-A
Tea Break

11:00 - 11:40 Hall-A
APAN Forum Session : Patient Engagement
Digital Health: Application of Mobile and Wearable Devices for Participatory Healthcare
Moderator: Shoko Syed Abdul, Taipei Medical University, Taiwan

11:00 - 11:30 Panel Speaker: Shoko Syed Abdul
Affiliation: Taipei Medical University, Taiwan
Title: Development of Wearable Mobile Healthcare System for the Elderly

11:30 - 11:40 Panel Speaker: Yu-Chuan (Jack) Li
Affiliation: Graduate Institute of Biomedical Informatics, Taipei Medical University, Taiwan
Title: Differences in the Self-Evaluation of the Training with and without an Exercise Using Simulation Teaching Materials

11:40 - 12:00 Panel Speaker: Luis Fernandes Lopez
Affiliation: Sakurada Lube, Sevilla, Spain & Adhera Health Inc, USA
Title: Technical Support for Rapid Replacement of Face-to-Face Events with Online Events due to the COVID-19 Pandemic: A Case Study from Kyushu University Hospital

12:00 - 12:30 Panel Speaker: Allraf Islam Mofic
Affiliation: Medical Information Center, Kyushu University Hospital, Japan
Title: Tools for Validating, Entering and Retrieving FHIR Clinical Data from the Lister Hill Center FHIR Brigade

12:50 - 13:00 LUNCH BREAK

13:00 - 14:30 Hall-E
APAN Panel Session: Telehealth and Telemedicine Systems

13:00 - 13:40 Chair: Yoshifumi Wakata
Title: Telemedicine in India: Strengthening Health Services Delivery for Universal Health Coverage

13:40 - 14:00 Chair: Takanori Fukuda, University of Hyogo, Japan
Title: Differences in the Self-Evaluation of the Training with and without an Exercise Using Simulation Teaching Materials

14:00 - 14:20 Chair: Fumihiko Yokota
Title: Technical Support for Rapid Replacement of Face-to-Face Events with Online Events due to the COVID-19 Pandemic: A Case Study from Kyushu University Hospital

14:20 - 14:40 Chair: Shinsuke Iino, Nagasaki University Graduate School of Biomedical Sciences, Japan
Title: Challenges of Telehealth and Telemedicine Systems in Japan

14:40 - 15:00 Chair: Masamichi Ishii, National Center for Global Health and Medicine, Japan
Title: Development of a Patient-Weekly Information System for the Elderly

15:00 - 15:20 Chair: Shoko Miyagawa, Faculty of Nursing and Medical Care, Keio University, Japan
Title: A Long-Tail Trend of Drug Dispensing Frequency and Expenditure Using ABC Lagged Analysis Using Google Trend

15:20 - 15:40 Chair: Takuya Kinoshita, Tokyo Medical University, Japan
Title: Tools for Validating, Entering and Retrieving FHIR Clinical Data from the Lister Hill Center FHIR Brigade

15:40 - 16:00 Chair: Hocheol Lee, Yonsei University, Korea
Title: How to Improve the Workflow for Processing Genetic Test Results in an Electronic Medical Record System

16:00 - 16:20 TEA BREAK

16:20 - 17:30 Hall-A
APAN2020 Special Keynote Session II : Patient Engagement
Moderator: Michio Kimura, Inazemutara University School of Medicine, Japan

16:20 - 16:30 Keynote Speaker: Hisanori Akahori
Affiliation: College of Nursing, National University of the Philippines, University of the Philippines, Quezon City, Philippines
Title: Role of Health Informatics for Patient Engagement

16:30 - 16:45 Keynote Speaker: Nutti Nakanishi
Affiliation: National Institute of Health, Thailand
Title: Patient Engagement and Personalized Health Record

16:45 - 17:00 Keynote Speaker: Eiko Nakanishi
Affiliation: Tokyo Women's Medical University, Japan
Title: Patient Engagement and Personalized Health Record

17:00 - 17:15 Keynote Speaker: Kana Kodama
Affiliation: National Institute of Health, Thailand
Title: Patient Engagement and Personalized Health Record

17:15 - 17:30 Keynote Speaker: Kimiyo Kikuchi
Affiliation: Kanto Gakuen University, Japan
Title: Patient Engagement and Personalized Health Record

18:20 - 19:00 CLOSE OF DAY 1
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<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Chair(s)</th>
<th>Presenters</th>
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<tr>
<td>09:00-10:10</td>
<td>General Oral Session: Artificial Intelligence in Healthcare and Clinical Practice (I)</td>
<td>Room E-3</td>
<td>Chair: Tsunenori Nara, Kumamoto University, Japan and Rekishiwa Kawanabe, The University of Tokyo, Japan</td>
<td>09:00-10:10</td>
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<td>08:00-09:00</td>
<td>11:40-12:00</td>
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<td>08:00-09:00 Reiko Hidaka, Saga University, Japan</td>
<td>Title: Predictions of the Nerve Growth Factor (NGF): Concentration of Drug Treatments for Diabetes Using Machine Learning Algorithm</td>
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<td>08:20-09:40</td>
<td>10:20-10:40</td>
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<td>08:20-09:40 Masakazu Ikiyama, Tohoku University, Japan</td>
<td>Title: An Application of Heterogeneous Mixture Learning for Mild Cognitive Impairment Detection</td>
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<td>09:00-10:00</td>
<td>12:00-13:00</td>
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<td>09:00-10:00 Shinobu Tabios, National University of Singapore, Singapore</td>
<td>Title: An Analysis on Remote Healthcare Data for Future Health Risk Prediction to Reduce Health Management Cost</td>
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<td>10:00-11:00</td>
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<td>10:00-11:00 Usman Iqbal, Taipei Medical University, Taiwan</td>
<td>Title: Artificial Intelligence for Prostate Cancer Prediction Using Electronic Health Record Database</td>
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<td>11:00-12:00</td>
<td>13:30-14:30</td>
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<td>11:00-12:00 Tahmina Nasrin Poly, Taipei Medical University, Taiwan</td>
<td>Title: A Survey of Public Perception Toward Personal Health Record in Bangladesh</td>
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<td>12:00-13:00</td>
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<td>12:00-13:00 Sari Rahmawati Kusuma Dewi, National University of Singapore</td>
<td>Title: Factors Associated with Internet Addiction and Depression Among Undergraduate Medical Students in Dhaka City</td>
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<td>13:00-14:00</td>
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<td>13:00-14:00 Tomohiro Kuroda, Tohoku University, Japan</td>
<td>Title: Digital Health Promotion, Primary Prevention and Telemedicine Provision Programme</td>
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<td>14:00-15:00</td>
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<td>14:00-15:00 Jun Nakaya, Hokkaido University, Japan</td>
<td>Title: Examination of the Impact of CMR Subtyping on the Improvement of Anemia in Bangladesh: An Epidemiological Analysis of Health Checkup Data with ICT Intervention</td>
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<td>15:00-16:00</td>
<td>15:30-16:30</td>
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<td>15:00-16:00 Mohamed Mas Moshed Khan, Graduate School of BiH, Hokkaido University, Japan</td>
<td>Title: A Way of Practical Establishing a Nationwide Shared Dataset for the Continuity of Care, Based on International Standard Dataset</td>
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