Pacific Rim Health Innovations Conference (PRHIC)

**DATES: 21-24 September (China)**

**20-23 September, 2022 (USA)**

VENUE: International Conference Center at FAH-SYSU

(Remote Attendance Available)

Co-organized by

The First Affiliated Hospital, Sun Yat-sen University

&

CITRIS and the Banatao Institute, University of California at Berkeley

Co-sponsored by

Lingnan Foundation   
&

Health Care Science

**Agenda**

|  |  |  |  |
| --- | --- | --- | --- |
| **Opening** | | | |
| **Time:** Wednesday, 21/9/2022, 08:00 -08:15 (China time)  **Moderators:** WANG Haibo and David Lindeman | | | |
| **Time** | **Topics** | **Speaker** |
| 08:00 - 08:15 | Remarks | **XIAO Haipeng**  President, FAH-SYSU; Executive Vice President, SYSU |
| **Katherine** **Yelick**  Vice Chancellor for Research, UC Berkeley |
| **Ding-Jo Currie**  President, Lingnan Foundation |
| **LI Xinsheng**  Vice President, Shenzhen Mindray Bio-Medical Electronics Co., Ltd. |

|  |  |  |
| --- | --- | --- |
| **symposium 1** | | |
| **Time:** Wednesday, 21/9/2022, 08:15 -10:00 (China time)  **Topic:** Global Lessons from COVID-19: Directions for Research and Interventions  **Moderators:** WANG Haibo and David Lindeman | | |
| **Time** | **Topics** | **Speakers** |
| 08:15 - 08:35 | **Keynote speech**  Lessons from the COVID-19  Pandemic: Using One Health to address the grand challenges of our time | **Jonna Mazet**  Vice Provost – Grand Challenges, Chancellor's Leadership Distinguished  Professor of Epidemiology and Disease Ecology, UC Davis |
| 08:35 - 08:55 | **Keynote speech**  How Johns Hopkins applied precision medicine to COVID-19? | **Brian Garibaldi**  Director of Biocontainment Unit, Associate Professor of Medicine,  Johns Hopkins Medicine |
| 08:55 – 09:10 | **Short Lecture**  Lessons from the COVID-19 Pandemic: Healthy Davis Together – A Case Study | **Bradley Pollock**  Professor; Associate Dean and Rolkin Chair in Public Health Sciences, UC Davis Health |
| 09:10 – 09:25 | **Short Lecture**  Global excellent practice and experience: countermeasures in a large university hospital in China | **LUO Fengming**  Deputy Secretary,West China Hospital of Sichuan University |
| 09:25 –09:55 | **Panel Discussion** | **Moderator: KUANG Ming and David Lindeman**  **ZHANG Zongjiu**  Executive Vice President, Institute for Hospital Management of Tsinghua University  **Jonna Mazet**  Vice Provost – Grand Challenges, Chancellor's Leadership Distinguished  Professor of Epidemiology and Disease Ecology, UC Davis  **Brian Garibaldi**  Director, Biocontainment Unit, Associate Professor of Medicine  Johns Hopkins Medicine  **WANG Ji**  Professor, Expert in Immunology and Vaccine Research, The Institute of Precision Medicine, FAH, SYSU |
| 09:55 - 10:00 | **Closing** | WANG Haibo and David Lindeman |

|  |  |  |
| --- | --- | --- |
| **symposium 2** | | |
| **Time:** Thursday, 22/9/2022, 08:00 -10:15 (China time)  **Topic:** Robotic Surgery: Global Advances  **Moderators:** KUANG Ming and Bahareh Nejad | | |
| **Time** | **Topic** | **Speaker** |
| 08:00 - 08:10 | **Opening** | **KUANG Ming**  Vice President of FAH-SYSU；  Dean, Zhongshan School of Medicine, SYSU  **Bahareh Nejad**  Director, Division of Robotic Surgery, Clinical Prof.,  UC Davis Health Medical Center |
| 08:10 - 08:30 | **Keynote speech**  Minimally Invasive Treatments for Renal Tumor with Inferior Vena Cava Thrombus | **ZHANG Xu**  Academician of Chinese Academy of Sciences；Professor & Director, Department of Urology,  Chinese PLA General Hospital & Medical School |
| 08:30 - 08:50 | **Keynote speech**  University of California, Davis Health: Building a Dynamic Robotic Surgery Program | **Bahareh Nejad**  Director, Division of Robotic Surgery; Clinical Prof.,  UC Davis Health Medical Center |
| 08:50 - 09:10 | **Keynote speech**  Colorectal Surgery: Current Status / Future Directions | **Shunsuke Tsukamoto**  Assistant Chief, Department of Colorectal Surgery, National Cancer Center Hospital Japan |
| 09:10 - 09:25 | **Short lecture**  Looking over the Horizon for Surgical Robotics: the Future of Hardware, Software, Innovation | **Darla Hutton**  Vice President of Commercial Operations and Marketing, Intuitive Asia |
| 09:25-09:40 | **Short lecture**  Robotic Total and Partial Knee Replacement | **Jerry Chen**  Consultant, Orthopaedic Surgery, Singapore General Hospital；Adjunct Assistant Professor, Duke-NUS Medical  School, Singapore |
| 09:40 - 10:10 | **Panel Discussion:**  Global Challenges in Surgical Robotics | **Moderator: KUANG Ming and Bahareh Nejad**  **Shunsuke Tsukamoto**  Assistant Chief, Department of Colorectal Surgery, National Cancer Center Hospital Japan  **Bahareh Nejad**  Director, Division of Robotic Surgery; Clinical Prof.,  UC Davis Health Medical Center  **Darla Hutton**  Vice President of Commercial Operations and Marketing, Intuitive Asia  **Jerry Chen**  Consultant, Orthopaedic Surgery, Singapore General Hospital；Adjunct Assistant Professor, Duke-NUS Medical  School |
| 10:10 - 10:15 | **Closing** | KUANG Ming and Bahareh Nejad |

|  |  |  |
| --- | --- | --- |
| **symposium 3** | | |
| **Time:** Friday, 23/9/2022, 08:00 -10:00 (China time)  **Topic:** Advances in Health Informatics and Machine Learning: Reimagining the Use of Data for Health Care  **Moderators:** WANG Haibo and Nick Anderson | | |
| **Time** | **Topic** | **Speaker** |
| 08:00 - 08:10 | **Opening** | **KUANG Ming**  Vice President of FAH-SYSU；  Dean, Zhongshan School of Medicine, SYSU |
| 08:10 - 08:40 | **Keynote speech**  Machine Learning, Social Computing, NLP and Federated Learning for Digital Health | **Irwin King**  Chairman and Prof. of Dept. of Computer Science & Engineering, The Chinese University of Hong Kong |
| 08:40 - 09:10 | **Keynote speech**  Synthetic health data: promises and caveats for clinical research | **Vladimir Filkov**  Prof., Dept. of Computer Science,  Director for Translational Data Science, DataLab, UC Davis |
| 09:10 - 09:40 | **Panel Discussion**  What is Coming Next for RWD Research? | **Moderator: WANG Haibo and Nick Anderson**  **Irwin King**  Chairman and Prof. of Dept. of Computer Science & Engineering, The Chinese University of Hong Kong  **Vladimir Filkov**  Prof., Dept. of Computer Science,  Director for Translational Data Science, DataLab, UC Davis  **WANG Haibo**  Vice President, Institute of Precision Medicine, The First Affiliated Hospital, Sun Yat-sen University  **Nick Anderson**  Cardiff Prof. of Biomedical Informatics, Chief of the Division of Health Informatics in the Dept. of Public Health Sciences, UC Davis School of Medicine |
| 09:40 - 09:55 | **Q&A** | Moderator: WANG Haibo and Nick Anderson |
| 09:55 - 10:00 | **Closing** | WANG Haibo and Nick Anderson |

|  |  |  |
| --- | --- | --- |
| **symposium 4** | | |
| **Time:** Saturday, 24/9/2022, 08:00 -10:15 (China Time)  **Topic:** Innovation in Digital Health Technology: Reshaping Health Care Delivery  **Moderators:** WANG Haibo and David Lindeman | | |
| **Time** | **Topic** | **Speaker** |
| 08:00 - 08:10 | **Opening** | **KUANG Ming**  Vice President of FAH-SYSU；  Dean, Zhongshan School of Medicine, SYSU  **David Lindeman**  Director, CITRIS Health, UC Berkeley |
| 08:10-08:25 | **Keynote speech**  AI diagnosis in thyroid cancer | **XIAO Haipeng**  President, FAH-SYSU; Executive Vice President, SYSU |
| 08:25 - 08:40 | **Keynote speech**  Digital Twin in Medicine | **Zuojun Shen**  Vice President and Pro-Vice-Chancellor (Research),  The University of Hong Kong; Prof., College of Engineering, UC Berkeley |
| 08:40 - 08:55 | **Keynote speech**  Digital Health Technology: Global Advances/Global Challenges | **Katherine Kim**  Principal, Consumer Health Informatics and Health Science,  MITRE Corporation; Principle Adjunct Associate Professor of Health Sciences and Health Informatics, UC Davis |
| 08:55 -09:10 | **Keynote speech**  Medical Innovation at Mayo Clinic | **Kevin Bennet**  Chair of Engineering Division，Co-director of Neural Engineering, Mayo Clinic |
| 09:10 – 09:25 | **Short lecture**  Remote and Mobile Health Technology Solutions – Changing Where Health Care is Provided | **Allison Sekuler**  Sandra A Rotman Chair in Cognitive Neuroscience, Rotman Research Institute  President & Chief Scientist, Baycrest Academy for Research and Education at Baycrest Centre for Geriatric Care  President & Chief Scientist, Centre for Aging + Brain Health Innovation  Professor, Psychology, University of Toronto  Professor, Psychology, Neuroscience & Behaviour, McMaster University |
| 09:25 – 09:40 | **Short lecture**  Virtual and Augmented Reality: Reshaping Health Care Provider and Patient Training | **Carrie Shaw**  CEO & Founder, Embodied Labs |
| 09:40 - 10:10 | **Panel Discussion**  Challenges and Opportunities for Digital Health Technology | **Moderator: WANG Haibo and David Lindeman**  **David Lindeman**  Director, CITRIS Health, UC Berkeley  **Zuojun Shen**  Vice President and Pro-Vice-Chancellor (Research),  The University of Hong Kong; Prof., College of Engineering, UC Berkeley  **Kevin Bennet**  Chair of Engineering Division，Co-director of Neural Engineering, Mayo Clinic  **HUANG He**  Vice President, Sir Run Run Shaw Hospital,Zhejiang University, School of Medicine  **Katherine Kim**  Principal, Consumer Health Informatics and Health Science,  MITRE Corporation；Adjunct Associate Professor of Health Sciences and Health Informatics, UC Davis |
| 10:10 - 10:15 | **Closing** | KUANG Ming and David Lindeman |