



HOLOMEDICINE ASSOCIATION

Session 1: Inaugural Holomedicine® Association Summit

27 November 2021
Agenda

Time (SGT)	Time (CET)	Time (EST)	Programme	Speaker
09:00-09:10	02:00-02:10	20:00-20:10	Introduction and welcome address	Dr. Yujia Gao <i>Vice-Chairman & Director of Medicine, Science, and Technology, Holomedicine® Association</i>
09:10-09:30	02:10-02:30	20:10-20:30	Keynote Talk	Andrea Della Mattea <i>President, Microsoft Asia Pacific</i>
09:30-09:50	02:30-02:50	20:30-20:50	Session 1 <i>NUHS Holomedicine® programme</i>	Dr. Yujia Gao <i>Vice-Chairman & Director of Medicine, Science, and Technology, Holomedicine® Association</i>
09:50-10:10	02:50-03:10	20:50-21:10	Session 2 <i>Holomedicine® for the Emergency Department</i>	Dr. Meong Hi Son <i>Samsung Medical Center, Sungkyunkwan University School of Medicine</i>
10:10-10:55	03:10-03:55	21:10-21:55	Panel discussion <i>Driving a paradigm shift in healthcare: Holomedicine® in Clinical Care</i> <i>Moderated by Mr Ng Kian Wei, Data Scientist, National University Health Systems</i>	Prof. Kee Yuan Ngiam, Dr. Yujia Gao, Diomedes Kastanis, Dr. Meong Hi Son
10:55-11:10	03:55-04:10	21:55-22:10	Break	
11:10-11:30	04:10-04:30	22:10-22:30	Session 3 <i>Metaverse – Crossing the Bridge between Realities for Medical Simulation and Training</i>	Dr. Eng Tat Khoo <i>Engineering Design and Innovation Centre, National University of Singapore</i>
11:30-11:50	04:30-04:50	22:30-22:50	Session 4 <i>Revolutionizing Medical Education and Training with Mixed Reality Technology Using Hololens: The Way Forward</i>	Prof. Alfred Kow Wei Chieh <i>Department of Surgery National University of Singapore</i>
11:50-12:35	04:50-05:35	22:50-23:35	Panel discussion <i>Transforming medical education and training with Holomedicine® technology</i> <i>Moderated by Mr Ng Kian Wei, Data Scientist, National University Health Systems</i>	Prof. Alfred Kow Wei Chieh, Dr. Eng Tat Khoo, Gary Stefano
12:40-13:00	05:40-06:00	23:40-00:00	Q&A and close of event	Dr. Yujia Gao <i>Vice-Chairman & Director of Medicine, Science, and Technology, Holomedicine® Association</i>

Session 2: Inaugural Holomedicine® Association Summit

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21:00-21:05	14:00-14:05	08:00-08:05	Welcome address	Sirko Pelzl <i>Chairman, Holomedicine® Association</i>
21:05-21:15	14:05-14:15	08:05-08:15	Holomedicine® Centres of Excellence – announcement	Sirko Pelzl <i>Chairman, Holomedicine® Association</i> Dr. Yujia Gao <i>Vice-Chairman & Director of Medicine, Science, and Technology, Holomedicine® Association</i> Dr. Marc-Angelo Bisotti <i>Director of Policy, Holomedicine® Association</i>
21:15-21:35	14:15-14:35	08:15-08:35	Keynote Talk <i>Transforming Healthcare with Mixed Reality (recording)</i>	Dr. David Rhew <i>Global Chief Medical Officer & VP of Healthcare, Microsoft</i>
21:35-21:55	14:35-14:55	08:35-08:55	Session 1 <i>Complex Cases in Liver Surgery - the Opportunities in Holomedicine®</i>	Prof. Dr. Dirk Weyhe <i>Director of University Hospital for Visceral Surgery at Carl von Ossietzky University of Oldenburg, PIUS- Hospital, Oldenburg</i>
21:55-22:15	14:55-15:15	08:55-09:15	Session 2 <i>Testing Augmented Reality for Neurosurgical Daily Use</i>	Dr. Giuseppe Umana <i>Fellow of the American College of Surgeons, Department of Neurology, trauma and gamma-knife center Cannizzaro, Hospital Catania, Italy</i>
22:15-22:30	15:15-15:30	09:15-09:30	Panel discussion <i>Holomedicine®: The next frontier of Medical Technology</i> <i>Moderated by Dr. Yujia Gao</i>	Prof. Dr. Dirk Weyhe, Dr. Giuseppe Umana, Dr Adel Helmy
22:30-22:40	15:30-15:40	09:30-09:40	Break	
22:40-23:00	15:40-16:00	09:40-10:00	Session 3 <i>Applications of XR Technologies for Surgical Skills Simulation, Teaching, and Improved Clinical Care Delivery</i>	Dr. Mark Cohen MD, FSSO, FACS <i>Professor of Surgery, Pharmacology and Biomedical Engineering, University of Michigan</i>
23:00-23:20	16:00-16:20	10:00-10:20	Session 4 <i>Holomedicine® in Imaging and Imaging Guided Minimally Invasive Procedures</i>	Dr. Darshan Bakshi <i>Co-Chief – Interventional Radiology, Clinical Assistant Professor – University of Calgary, Medical Director – Diagnostic Imaging Peter Lougheed Hospital Calgary Canada</i>
23:20-23:35	16:20-16:35	10:20-10:35	Session 5 <i>Enabling Surgeons, Empowering Patients (recording)</i>	Dr. Robert Hannan <i>Cardiovascular Surgeon, The Heart Institute, NCHS Medical Director, Quality, NCHS</i>
23:35-23:55	16:35-16:55	10:35-10:55	Panel discussion <i>Holomedicine® and the future of immersive anatomy</i> <i>Moderated by Dr. Marc-Angelo Bisotti</i>	Dr. Darshan Bakshi, Dr. James Macalister Kinross, Joe Varrasso, Dr. Neil Ralph
23:55-00:05	16:55-17:05	10:55-11:05	Closing session <i>A new vision of Healthcare - live cross border cooperation in anaesthesiology and vascular medicine</i>	Prof. Dr. Predrag Stevanović, Dr. Igor Koncar <i>University of Belgrade</i>