

IAMP OV

I N T E R N A T I O N A L S Y M P O S I U M



Program Syllabus

TOKYO, JAPAN

2-4 October 2015

CAMPUS OF ST LUKE'S INTERNATIONAL UNIVERSITY



www.iampov.org

WELCOME TO TOKYO



Passports:

Please check with your country's passport agency for travel to Japan

From Narita Airport to *Hotel:

Narita Airport → Tokyo Station → Hotel

Rail (~¥3,020 Round Trip Ticket ~ ¥4,000) + Taxi (~¥1,000)

Narita Airport → Hotel

Airport Limousine Bus (~¥3,100)

<http://www.limousinebus.co.jp>

From Haneda Airport to *Hotel:

Haneda Airport → Hamamastucho Station → Tokyo Station → Hotel

Monorail + JR (~¥ 637) + Taxi (~¥1,000)

<http://haneda-airport.jp>

Haneda Airport → Tokyo Station → Hotel

Airport Limousine Bus (¥930) + Taxi (~¥1,000)

<http://www.limousinebus.co.jp>

Haneda Airport → Hotel

Airport Limousine Bus (~¥930)

<http://www.limousinebus.co.jp>

***Hotel Information:**

Ginza Creston (Hankyu-Hanshin-Daiichi Hotel Group)

TEL: +81-3-5550-5700

<http://www.hankyu-hotel.com>

Ginza Capital Hotel

TEL: +81-3-3543-8211

<http://www.ginza-capital.co.jp/> (English HP is not yet available)

Millenium Mitsui Garden Hotel Tokyo

TEL: +81-3-3549-3331

<http://www.gardenhotels.co.jp/eng/millennium-tokyo/>

Mitsui Garden Hotel Ginza Premier

TEL: +81-3-3545-1311

<http://www.gardenhotels.co.jp>

SCHEDULE

Friday, 2 October 2015

Time	Lecturer	Title	Location
1600-1800	Registration		Entrance Hall, 1 st Floor
	THEME: Welcome, Keynote Addresses and Awards		Alice Memorial Hall, 1st Floor
1800-1810	Katsuyuki Miyasaka, MD, PhD Chair, IAMPOV Steering Committee	Welcome and Orientation	
1810-1830	Tatsuya Kondo, MD	Role of Medical Device Regulation in Japan (PMDA)	
1830-1850	Mr. Koji Nakao	Turning Tide of Medical Technology Innovation in Japan	
1850-1915	Shigeaki Hinohara, MD	My 80-year Involvement with Medical Devices	
1915-1925	Presentation of Recognition Plaques		
1925-2045	Opening Reception and Dinner		University Cafeteria, 2 nd Floor

Saturday, 3 October 2015

0700-0800	Registration		Entrance Hall, 1 st Floor
	Breakfast		Cafeteria, 2 nd Floor
	THEME: Chronology of Pulse Oximetry		Alice Memorial Hall, 1st Floor
0800-0815	Philip E. Bickler, MD, PhD	Theme Introduction and Evolution of Testing Methodologies	
0815-0830	Takuo Aoyagi, PhD	How I Came Across the Idea of Pulse Oximetry	
0830-0840	Mr. Akio Yamanishi	The Other Side of the Dawn of Pulse Oximetry	
0840-0905	William New, MD PhD (TBC)	Becoming the Market Leader of A New Technology: Pulse Oximetry	
0905-0930	Mr. Jonas Pologe, BSEE	Developing SpO ₂ Sensors & Perfusion Indices	
0930-0955	Mr. Joe E. Kiani, MSEE	Advancing Pulse Oximetry	
0955-1010	Panel Discussion		
1010-1040	Coffee/Tea Break, Scientific Exhibits, and Poster viewing		University Cafeteria, 2 nd Floor
	THEME: Oximetry Accuracy and beyond		Alice Memorial Hall, 1st Floor
1040-1050	Steven J. Barker, MD, PhD	Theme Introduction	
1050-1115	Peter Cox, MB, ChB	How Accurate Should a Pulse Oximeter Be: Pulse Rate and SpO ₂ ?	
1115-1140	Takuo Aoyagi, PhD	Improving Precision of Pulse Oximetry	
1140-1205	Robert J. Kopotic, MSN, PhD	Standardization of Oximetry Accuracy Performance	
1205-1230	Steven J. Barker, MD, PhD	Oxygenation Reserve Index	
1230-1245	Panel Discussion		
1245-1400	Lunch Provided		University Cafeteria, 2 nd Floor
	Poster/Exhibition viewing		Lecture rooms, 3 rd Floor
	THEME: Resuscitation/Capnometry/NIRS		Alice Memorial Hall, 1st Floor
1400-1410	Hartmut Gehring, MD, PhD	Theme Introduction	
1410-1435	Vinay M. Nadkarni, MD	Capnometry and International Resuscitation Guidelines	
1435-1500	Fumihiko Takatori, MS	Improving Mainstream Capnometry Performance for Non-intubated Patients	
1500-1525	Shigeki Fujitani, MD, PhD	Novel Application of Pulsatile ΔcHb Amplitude and TOI with NIRS for Resuscitation	
1525-1540	Heidrun Wabnitz, PhD	NIRS Monitoring of Renal Oxygenation and Perfusion	
1540-1555	Panel Discussion		
1555-1620	Coffee/Tea Break, Scientific Exhibits, and Poster viewing		University Cafeteria, 2 nd Floor

	THEME: NIRS II		Alice Memorial Hall, 1st Floor
1620-1630	Robert J. Kopotic, MSN, PhD	Theme Introduction	
1630-1655	Susumu Suzuki, PhD	Developing Time Resolved Brain Oximetry	
1655-1720	Steven Greenberg, MD	Extracranial Interference of NIRS Devices	
1720-1745	Panicos Kyriacou, PhD	Assessing Tissue Oxygenation and Perfusion Utilising Reflectance PPG and NIRS	
1745-1810	Philip E. Bickler, MD, PhD	Tissue Oximetry and Clinical Outcomes	
1810-1825	Panel Discussion		
1825-1845	Matthew Lewin MD, PhD	Keynote Address: How Expeditions Drive Clinical Research	
1900-2100	Dinner		Cafeteria, 2 nd Floor

Sunday, 4 October 2015

0700-0800	Registration		Entrance Hall, 1 st Floor
	Breakfast		University Cafeteria, 2 nd Floor
	THEME: Novel Monitoring Developments		Alice Memorial Hall, 1st Floor
0800-0810	Kirk H. Shelley, MD, PhD	Theme Introduction	
0810-0835	Vladimir Blazek, PhD	Ambient and Unobtrusive Cardiorespiratory Monitoring Techniques	
0835-0900	Jenny E. Freeman, MD	Non-Invasive Respiratory Volume Monitoring	
0900-0925	Willem Verkruyse, PhD	Camera-based, Contactless, Physiological Monitoring	
0925-0955	Coffee/Tea Break, Scientific Exhibits, and Poster viewing		
0955-1020	Paul Morozoff, MA Sc	Modeling of SpO ₂ Controlled O ₂ Delivery to Target Range Oxygenation	
1020-1045	Aymen Alian, MB, ChB	Anesthesiologist as Physiologist: The Impact of Vasoactive Drugs on Clinical Waveforms	
1045-1110	Hartmut Gehring, MD, PhD	Anesthesia and Perioperative Care - The Driving Forces Behind Current Trends.	
1110-1125	Panel Discussion		
1125-1230	Lunch Provided		University Cafeteria, 2 nd Floor
	e-Poster Presentation Session		Lecture rooms, 3 rd Floor
	THEME: Interconnectivity and Beyond		Alice Memorial Hall, 1st Floor
1230-1240	Sandy Weininger, PhD	Theme Introduction	
1240-1305	Julian M. Goldman, MD	Patient Safety and Medical Device Interoperability	
1305-1330	Thomas M. Hemmerling, MD	Decision Support & Automation of Anesthesia	
1330-1355	Hirokazu Ogino, MS, MBA	Wireless and Noninvasive Technology in the Hospital and Beyond	
1355-1420	Sandy Weininger, PhD	Standards Integration of Medical Devices	
1420-1435	Panel Discussion		
1435-1520	Poster Awards & Brief Oral Presentations		
1520-1530	Panicos Kyriacou, PhD	Closing	