

VIRTUAL WORKSHOP



GLOBAL SMART MEDTECH SYMPOSIUM

July 28, 29
and
August 4, 5, 2021

WEDNESDAY, JULY 28, 2021 | 10:00 AM CST, CET & PDT SESSION 1: REALTIME CONTINUOUS DIAGNOSTICS

10:00 am - 10:05 am

MODERATOR

Dr. Yi-Shao Liu, COO, [Helios Bioelectronics, Inc.](#)

10:05 am - 10:35 am

Evaluating Digital Measures across Clinical Research and Virtual Care

Justin Reggi, Head of Partnerships, [HumanFirst](#)

10:35 am - 11:05 am

Plenty of Room Under the Skin: A Wearable's Perspective **Sheng Xu**, Principal Investigator, [University of California San Diego](#)

11:05 am - 11:35 am

Realtime Continuous Diagnostics

Ben Carter, Co-Founder & Chief Commercial Officer, [B-Secur](#)

11:35 am - 12:05 pm

Human Performance Monitoring and Augmentation: Opportunities for Enhancing Health, Wellness, and Performance

Joshua Hagen, Director, Human Performance Innovation Center & Assistant Professor, Department of Neuroscience [Rockefeller Neuroscience Institute at West Virginia University](#)

12:05 pm - 12:35 pm

Live Panel Discussion

Chungyuan Standard Time (CST)

MODERATOR:

- Dr. Yi-Shao Liu, [Helios Bioelectronics Inc.](#)

PANELISTS:

- Dr. Paul Chao, [National Chiao Tung University](#)

- Raymond Tong, [Harmony Medical Inc.](#) (Harmony Health)

Central Europe Time (CET)

MODERATOR:

- Dr. Yi-Shao Liu, [Helios Bioelectronics Inc.](#)

PANELISTS:

- Ben Carter, [B-Secur](#)

- Paru Deshpande, PhD, [IMEC](#)

- Dr. Golo von Basum, [von basum consulting](#)

- Dr. Paul Chao, [National Chiao Tung University](#)

Pacific Daylight Time (PDT)

MODERATOR:

- Dr. Yi-Shao Liu, [Helios Bioelectronics Inc.](#)

PANELISTS:

- Justin Reggi, [HumanFirst](#)

- Sheng Xu, [UCSD](#)

- Adrian Condon, [B-Secur](#)

- Matthew Dalton, [Air Force Research Laboratory, Materials and Manufacturing Directorate](#)

- Azar Alizadeh, [GE Research](#)

12:35 pm - 12:40 pm - Move to Breakout Rooms

12:40 pm - 1:00 pm - Breakout Rooms Discussion

THURSDAY, JULY 29, 2021 (CST, CET, PDT) SESSION 2: DECENTRALIZED DNA SEQUENCING & MOLECULAR DIAGNOSTICS

10:00 am - 10:05 am

MODERATOR

Dr. Yi-Shao Liu

Chief Operating Officer, [Helios Bioelectronics, Inc.](#)

10:05 am - 10:35 am

From Analog to Digital: A Portable Semiconductor-based Biosensor Platform for Molecular Diagnosis and Novel Therapy Development

Dr. Yi-Shao Liu, Chief Operating Officer
[Helios Bioelectronics Inc.](#)

10:35 am - 11:05 am

Clinical Sequencing with Bio-CMOS Chip

Dr. Hui Tian, CEO & Co-Founder, [Axbio](#)

11:05 am - 11:35 am

Leveraging Semiconductor Technology for Decentralized DNA Sequencing in Clinical Applications

Dr. Johnsee Lee
Founder & CEO, [Personal Genomics, Inc.](#)

11:35 am - 12:05 pm

Microfluidics and Nanotechnology for Lab on Chip and Personalized Diagnostics

Rashid Bashir, Ph.D., Dean, Grainger College of Engineering
[University of Illinois at Urbana-Champaign](#)

12:05 pm - 12:35 pm

Live Panel Discussion

Chungyuan Standard Time (CST)

MODERATOR:

- Dr. Yi-Shao Liu, [Helios Bioelectronics Inc.](#)

PANELISTS:

- Dr. Hardy Chan, [Helios Bioelectronics Inc.](#)

- Dr. Johnsee Lee, [Personal Genomics, Inc.](#)

Central Europe Time (CET)

MODERATOR:

- Dr. Yi-Shao Liu, [Helios Bioelectronics Inc.](#)

PANELISTS:

- Dr. Hardy Chan, [Helios Bioelectronics Inc.](#)

- Dr. Johnsee Lee, [Personal Genomics, Inc.](#)

Pacific Daylight Time (PDT)

MODERATOR:

- Dr. Yi-Shao Liu, [Helios Bioelectronics Inc.](#)

PANELISTS:

- Dr. Hardy Chan, [Helios Bioelectronics Inc.](#)

- Rashid Bashir, Ph.D., [University of Illinois at Urbana-Champaign](#)

- Dr. Hui Tian, [Axbio](#)

12:35 pm - 12:40 pm - Move into Breakout Rooms

12:40 pm - 1:00 pm - Breakout Rooms & Networking

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GLOBAL SMART MEDTECH SYMPOSIUM

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August 4, 5, 2021

WEDNESDAY, AUGUST 4, 2021

SESSION 3: DATA SCIENCE AND INFRASTRUCTURE - AI / DATA FUSION

10:00 am - 10:05 am

MODERATOR | Chungyuan Standard Time | CST

Yu-Chuan Li, Distinguished Professor, [Taipei Medical University](#)

MODERATOR | Central Europe Time | CET

Michael Brothers, [UES](#)

MODERATOR | Pacific Daylight Time | PDT

Dr. Andreas Caduff, [Digital Medicine Society](#)

10:05 am - 10:35 am

Data Fusion for Smart Healthcare

Paul Chua, CyberSecurity Officer, Greater Asia
[Becton Dickinson](#)

10:35 am - 11:05 am

The Untapped Value of Individual Longitudinal Data: Lesson's from COVID-19

Steve Steinhubl, Chief Medical Officer, [PhysIQ](#)

11:05 am - 11:35 am

Digital Biomarkers and Their Use in Post-COVID Healthcare: A Case Study Example From Empatica

Matteo Lai, CEO & Co-Founder, [Empatica](#)

11:35 am - 12:05 pm

Sparkling Precision Medicine for Sepsis and COVID-19

Bobby Reddy, Jr., CEO & Co-Founder, [Prenosis](#)

12:05 pm - 12:35 pm

Panel Discussion

Chungyuan Standard Time (CST)

MODERATOR:

- Yu-Chuan Li, [Taipei Medical University](#)

PANELISTS:

- Paul Chua, [Becton Dickinson](#)

Central Europe Time (CET)

MODERATOR:

- Michael Brothers, [UES](#)

PANELISTS:

- Angelos Echiadis, [GlaxoSmithKline Pharmaceuticals Ltd](#)

- Andrew Carmody, [The Health Data Exchange](#)

- Philipp Tholen, [Zühlke Group](#)

Pacific Daylight Time (PDT)

MODERATOR:

- Dr. Andreas Caduff, [Digital Medicine Society](#)

PANELISTS:

- Steve Steinhubl, [PhysIQ](#)

- Bobby Reddy, Jr., [Prenosis](#)

- Matteo Lai, [Empatica](#)

- Joseph Jarvis, [Air Force Research Laboratory](#)

12:35 pm - 12:40 pm - Breakout Room Instructions

12:40 pm - 1:00 pm - Breakout Rooms & Networking

THURSDAY, AUGUST 5, 2021

SESSION 4: APPLICATIONS IN RURAL & DECENTRALIZED HEALTHCARE IN DIGITAL AGE

10:00 am - 10:05 am

MODERATOR | Chungyuan Standard Time | CST

Stephen Lee, Director for Early Innovation Partnering for North
Asia, [Johnson & Johnson Innovation](#)

MODERATOR | Central Europe Time | CET

Jerome Mouly, Team Lead Analyst, Sensing & Actuating, [Yole](#)

MODERATOR | Pacific Daylight Time | PDT

Regina Shia, Program Manager, [AFRL](#)

10:05 am - 10:35 am

Digitally Enabled Care: The Time is Now

Maulik Majmudar, MD, Chief Medical Officer, [Biofourmis](#)

10:35 am - 11:05 am

Can Digital Health Technologies Address the Gaps of Healthcare Access Inequity in Remote & Rural Areas?

Anh Bourcet, Director, ASPAC Market Access & HEOR
[Johnson & Johnson](#)

11:05 am - 11:35 am

Using Health Care Workforce, Community, and Health Indicators to Inform Policy & Education Methods

Kathleen Quinn, PhD, Associate Dean for Rural Health, MU
School of Medicine & Senior Program Director for Health and
Safety, MU Extension and Engagement, [University of Missouri](#)

11:35 am - 12:05 pm

E-Meuse santé, a Large-scale Transformation Project, Rooted in Territories Addressing Population Health Issues Thanks to Digital, Organization and Economic Innovations

Jean-Charles DRON, COO, [Département de la Meuse](#)

12:05 pm - 12:35 pm

Panel Discussion

Chungyuan Standard Time (CST)

MODERATOR:

- Stephen Lee, [Johnson & Johnson Innovation](#)

PANELISTS: Anh Bourcet, [Johnson & Johnson](#)

Yu-Chuan Li, [Taipei Medical University](#)

Chris Winter, [DC Medical](#)

Ray Zhang, [Airdoc](#)

Central Europe Time (CET)

MODERATOR:

- Jerome Mouly, [Yole Développement](#)

PANELISTS:

- Jean-Charles DRON, [Département de la Meuse](#)

- Lars Grieten, [FibriCheck](#)

- Gieri Cathomas, [Swisspath Health](#)

Pacific Daylight Time (PDT)

MODERATOR:

- Regina Shia, [AFRL](#)

PANELISTS:

- Maulik Majmudar, MD, [Biofourmis](#)

- Tracy Greever-Rice, [University of Missouri](#)

- Joseph Devivo, [Teledoc Health](#)

12:35 pm - 1:00 pm - Breakout Rooms & Networking