



DIABETES TECHNOLOGY SOCIETY

MDS

MEDICAL DEVICE SECURITY

SECURITY AND PRIVACY FOR THE INTERNET OF MEDICAL THINGS

Agenda

Tuesday, February 6, 2018, Anaheim Convention Center, Room 209B

8:30 AM: Keynote 1 – Identifying Emerging Threats to Medical Devices

Billy Rios, MBA

Founder
WhiteScope, LLC
San Francisco, California

9:00 AM: Keynote 2 – Legal and Policy Challenges to Combat Cyberthreats, Protect Individual Privacy and Civil Liberties, and Maintain Public Safety

Bryan Cunningham, JD

Founding Executive Director
UC Irvine Cybersecurity Research Institute
Irvine, California

9:30 AM: Session 1 – Current Medical Device Standards

Moderator

David Klonoff, MD

Medical Director, Diabetes Research Institute
Mills-Peninsula Medical Center
San Mateo, California

Panel Discussion

David Kleidermacher

Head of Security - Android, Chrome OS, Play
Google
Mountain View, California

Aiman Abdel-Malek, PhD

Senior Vice President, Advanced Technology & Engineering
Insulet Corporation
Billerica, Massachusetts

Anura Fernando

Principal Engineer - Medical Systems Interoperability & Security
Underwriters Laboratories
Northbrook, Illinois

Mike Golden, MBA

Senior Director, Business Development
Samsung IoT | Healthcare
San Jose, California



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10:20 AM: BREAK

10:45 AM: Session 2 – Evolving Government Policies

Moderator

Bryan Cunningham, JD

Founding Executive Director

UC Irvine Cybersecurity Research Institute

Irvine, California

10:45 AM: FDA: New Developments in Regulation of Medical Device Cybersecurity

Suzanne Schwartz, MD, MBA

Associate Director for Science and Strategic Partnerships

FDA

Silver Spring, Maryland

11:00 AM: How the FBI Responds to Cyberthreats

Boeing Shih and Jimmy Garcia

Cyberhood Watch Team Leads

FBI

Los Angeles, California

11:15 AM: OCR Perspective on Patient Privacy Rights and Enforcing HIPAA

Yun-kyung (Peggy) Lee, JD

Deputy Regional Manager – Pacific Region

US Department of Health & Human Services, Office for Civil Rights

Los Angeles, California

11:30 AM: Government Regulation of Privacy

Lucia Savage, JD

Chief Privacy & Regulatory Officer

Omada Health

San Francisco, California

11:45 AM: Panel Discussion



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12:00 PM: Session 3 – Emerging Topics in Medical Device Cybersecurity

Moderators

Dominique Shelton, JD

Partner

Alston & Bird, LLP

Los Angeles, California

Tim West

Chief Risk Officer

Atredis Partners

St. Louis, Missouri

Panel Discussion

Billy Rios, MBA

Founder

WhiteScope, LLC

San Francisco, California

Bryan Cunningham, JD

Founding Executive Director

UC Irvine Cybersecurity Research Institute

Irvine, California

David G. Armstrong, MD, DPM, PhD

Professor of Surgery

Keck School of Medicine, University of Southern California

Los Angeles, California

David Kleidermacher

Head of Security - Android, Chrome OS, Play

Google

Mountain View, California

12:45 PM: LUNCH



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Tuesday, February 6, 2018, Anaheim Convention Center, Room 209B

1:45 PM: Keynote 3 – The Current State of Digital Health and Why We Need Cybersecurity in this Environment

David G. Armstrong, MD, DPM, PhD

Professor of Clinical Surgery

Keck School of Medicine, University of Southern California

Los Angeles, California

2:15 PM: Session 4 – Threat Modeling for Medical Device Cybersecurity

Moderator

Christine Sublett

President & Principal Consultant

Sublett Consulting, LLC

San Mateo, California

2:15 PM: Michael Taborn

Chief Architect IOTG Healthcare

Intel Corporation

Phoenix, Arizona

2:30 PM: Christopher Clark

Principal Security Engineer

Synopsys Inc.

San Antonio, Texas

2:45 PM: Healthcare Organizations, Procurement and Threat Modeling

Christine Sublett

President & Principal Consultant

Sublett Consulting, LLC

San Mateo, California

3:00 PM: Panel Discussion

3:15 PM: BREAK



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Tuesday, February 6, 2018, Anaheim Convention Center, Room 209B

3:40 PM: Session 5 – Hospital Cybersecurity

3:40 PM: Threats to Public Hospitals

Patrick Phelan

Chief Information Security Officer

UCSF

San Francisco, California

3:55 PM: Threat and Vulnerability Management in Healthcare Organizations

Tim West

Chief Risk Officer

Atredis Partners

St. Louis, Missouri

4:10 PM: Panel Discussion

4:25 PM: SESSION 6 – Technical Solutions to Medical Device Cybersecurity

4:25 PM: An Academic Perspective

Eugene Vasserman, PhD

Associate Professor and Keystone Research Scholar, Department of Computer Science

Kansas State University

Manhattan, Kansas

4:40 PM: An Industry Perspective

Joseph Fernando

Principal Architect

ARM

Bellevue, Washington

4:55 PM: Panel Discussion

5:10 PM: Wrap-up

David Klonoff, MD

Medical Director, Diabetes Research Institute

Mills-Peninsula Medical Center

San Mateo, California

5:15 PM: Adjourn