Lecture Series Agenda

JANUARY 13: STATE OF ARTIFICIAL INTELLIGENCE IN ULTRASOUND IMAGING

Plenary Session: Setting the Stage for AI & Ultrasound

9:00 AM
Welcome and Introduction
J. Brian Fowlkes, PhD, FAIUM

9:10 AM
AI and US: Why Ultrasound and Why Now?
Anthony Samir, MD, MPH, FAIUM

9:40 AM
AIUM Perspective on AI: Summit Goals
J. Brian Fowlkes, PhD, FAIUM

10:00 AM
The Clinical Need for AI: Panel Discussion on Workflow Enhancements
Panelists:
Helen Feltovich, MD, MS
Judy Hung, MD
Rachel Liu, MD, FACEP, FAIUM
Mark Lockhart, MD, MPH, FAUM

10:20 AM
Break

Getting Started With AI
Session Chair: Michael Blaivas, MD, MBA, FAIUM, FACEP

10:40 AM
Successful AI Teams: What Does a Successful Team Look Like?
Laura Brattain, PhD

11:00 AM
Resourcing AI Development: Getting Started
Michael Blaivas, MD, MBA, FAIUM, FACEP

11:20 AM
Ultrasound AI Regulation—The Framework
Brian Garra, MD, FAIUM

11:50 AM
Questions and Comments

12:30 PM
Lunch Break

AI Opportunities: Technology
Session Chair: Jeremy J. Dahl, PhD

1:15 PM
AI-Enabled Beamformation
Brett Byram, PhD

1:30 PM
AI-Enabled US Signal Processing
Muyinatu (Bisi) Bell, PhD

1:45 PM
AI-Enabled QUS
Vik Kumar, PhD
Michael Oelze, PhD, FAIUM

Al Opportunities: Education
Session Chair: Richard A. Hoppmann, MD, FAIUM, FACP

2:00 PM
AI-Guided Image Acquisition
Aris Papageorghiou, MD, FRCOG, FAIUM (hon)
Alison Noble, PhD

2:20 PM
Evaluating the Literature
Richard G. Barr, MD, PhD, FAIUM, FSRU, FACR

2:45 PM
Break

3:00 PM
AI in US: the NIH Perspective
Kris Kandarpa, MD, PhD

3:20 PM
Global Health Opportunities
Brian Garra, MD, FAIUM
Helen Feltovich, MD, MS
Kristin Destigter, MD, FACR

3:30 PM
Introduction to Schmidt Science Fellows and Vision of Interdisciplinary Science

3:45 PM
AI: Impact on the Workforce
Jean Lea Spitz, MPH, CAE, RDMS, FAIUM, FSDMS

4:00 PM
Getting Paid for AI
Wui Chong, MD, FCR, FAIUM

4:20 PM
Questions and Comments

Accelerating Al in Medical Ultrasound
Session Chair: Randy L. King, PhD

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All times are ET