June 1, 2021 — AI, Doctors, and Patients

9:00am  Welcome and Opening Remarks
        Miguel Eckstein and William Wang

9:05am  Keynote: What AI Can Teach Us About Human Intelligence
        Ziad Obermeyer, Public Health, UC Berkeley

10:05am Moderator: Misha Sra, Computer Science, UC Santa Barbara

10:15am Death by Siri: The Dangers of Asking AI for Medical Advice
        Tim Bickmore, Computer Science, Northeastern University

10:40am Machine Learning in Real-world Healthcare Settings: How Far We Have Come and Where We Are Going
        Katherine Heller, Statistical Science, Duke University and Google Medical Brain

11:05am Shadow Learning: Building Robotic Surgical Skill When Approved Means Fail
        Matt Beane, Technology Management Program, UC Santa Barbara

11:35am  Q&A

12:00pm Meeting adjourns

June 2, 2021 — AI, Radiology, and Decisions

9:00am  Keynote: Intelligent Imaging: From Acquisition to Precision Medicine
        Sharmila Majumdar, Bioengineering and Therapeutic Sciences, UC San Francisco

10:00am Moderator: Miguel Eckstein, Psychological and Brain Sciences, UC Santa Barbara

10:10am AI for Breast Cancer Screening in Europe: Possibilities and Current Results
        Ioannis Sechopoulos, Radiology and Nuclear Medicine, Radboud University

10:35am Machine Intelligence in Critical Care; Role of Interpretability and Trust
        Shamim Nemati, Biomedical Informatics, UC San Diego

11:00am AI-Enabled Systems in Medical Imaging: FDA Research in Support of Regulatory Pathways
        Kyle Myers, Division of Imaging, Diagnostics, and Software Reliability, FDA

11:30am  Q&A

12:00pm Meeting adjourns
June 3, 2021 — AI and COVID-19

9:00am  **Keynote: COVID-19 Vaccinations and AI: Harnessing the Power and Avoiding the Pitfalls**  
Lynn Fitzgibbons, MD, Infectious Disease Specialist, Cottage Health Santa Barbara

10:00am  **Moderator: William Wang, Computer Science, UC Santa Barbara**

Laure Wynants, Epidemiology, Maastricht University

10:35am  **Deployment of AI-Based Risk Assessment Tools for COVID at UCI - A Single-Center Experience**  
Daniel Chow, Radiological Sciences, UC Irvine

11:00am  **A Deployed Model for COVID-19**  
Rajesh Ranganath, Computer Science, New York University

11:30am  **Q&A**

12:00pm  Meeting adjourns