# 2016 MIT Digital Health Conference

**September 7-8, 2016 | Media Lab (E14), MIT**

ilp.mit.edu/2016/digital-health | @MIT_ILP | #MITDigitalHealth

---

## Day 1: Wednesday, September 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:45</td>
<td>Registration &amp; Continental Breakfast</td>
</tr>
</tbody>
</table>
| 8:30  | **Welcome and Introduction**  
*Karl F. Koster*, Executive Director, MIT Office of Corporate Relations/Industrial Liaison Program |
| 8:45  | **Ingredients for Startup Success in Digital Health**  
*Aaron Nelson*, General Partner, dRx Capital |
| 9:30  | **From Stress to Seizures and Personalized Health: The launch of Embrace by Empatica**  
*Rosalind Picard*, Professor of Media Arts and Sciences, MIT  
*Matteo Lai*, CEO of Empatica |
| 10:15 | **How Can Natural Language Processing Help Cure Cancer?**  
*Regina Barzilay*, Professor of Computer Science and Engineering, MIT |
| 10:40 | **STEX pitches: Biobright, Paradigm4**  
*Trond Undheim*, Lead, MIT Startup Exchange |
| 10:50 | Networking Break                                                                                                                        |
| 11:15 | **High Resolution Analysis of Kinase Signaling Networks**  
*Forest White*, Professor of Biological Engineering, MIT |
| 11:50 | **Clinical Computational Oncology for Precision Cancer Medicine**  
*Eliezer Van Allen*, Assistant Professor of Medicine, Harvard Medical School |
| 12:00 | Lunch and Startup Exchange Exhibit                                                                                                       |
| 12:45 | Networking Break                                                                                                                        |
| 2:00  | **Computational Biomarkers for Assessing the Risk of Death after a Heart Attack**  
*Collin Stultz*, Professor of Health Sciences and Technology, MIT |
| 2:45  | **Medical Image Analysis**  
*Polina Golland*, Professor of Electrical Engineering and Computer Science, MIT |
| 3:30  | **STEX pitches: ClinicalBox, ClinLogica, Cardio**                                                                                         |
| 3:40  | Networking Break                                                                                                                        |
| 4:00  | **IoT and Behavior Change: Can We Build a “GPS” for Our Brains?**  
*Richard Fletcher*, Research Scientist, MIT |
| 4:45  | **The Long and Winding Road to the Bionic Pancreas**  
*Edward Damiano*, Professor, Biomedical Engineering, Boston University |
| 5:30  | Networking Reception                                                                                                                    |

## Day 2: Thursday, September 8

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30</td>
<td>Registration &amp; Continental Breakfast</td>
</tr>
</tbody>
</table>
| 8:50  | **Welcome and Introduction**  
*Karl F. Koster* |
| 9:00  | **Personalized Health Care**  
*Ying Daisy Zhuo*, Ph.D. Candidate, MIT Operations Research Center  
*Nataly Youssef*, Co-Founding Partner and Head of Healthcare Analytics, P2 Analytics |
| 9:45  | **Rapid Discovery of Predictive Models from Large Repositories of Signals Data**  
*Kalyan Veeramachaneni*, Principal Research Scientist, MIT Laboratory for Information and Decision Systems |
| 10:30 | **STEX pitches: Composable Analytics, Fitnescity, Salubris Analytics**                                                                 |
| 10:40 | Networking Break                                                                                                                        |
| 11:00 | **Putting the Care into Digital Healthcare**  
*John Moore*, Co-founder and CEO, Twine Health |
| 11:25 | **Bridging the Gap: Towards machine learning that matters in healthcare**  
*Leo Celi*, Principal Research Scientist, MIT Institute for Medical Engineering and Science |
| 12:10 | **Large Scale Like-Me for Signals: Eliminating the Big Data Bottleneck in Similarity-Based Signal Retrieval**  
*Una-May O’Reilly*, Principal Research Scientist, MIT Computer Science and Artificial Intelligence Laboratory |
| 12:45 | Adjournment & Bagged Lunch                                                                                                               |

---

*All schedule and speakers are subject to change without notice.*

MIT Technology and the Corporation Conference Series

---

MIT Technology and the Corporation Conference Series

The power of thought. The practice of technology.