

Thursday, February 7th

8:00 AM - 8:45 AM Breakfast and Conference registration

8:45 AM - 9:00 AM Opening Remarks by Dr. Pardalos

9:00 AM - 9:15 AM Opening Remarks by Dr. Michailidis

9:15 AM - 10:00 AM Dr. Vitaliy Yatsenko

Title: The influence of carbon dioxide on brain activity and risk analysis

10:00 AM - 10:30 AM Srajan Paliwal

Title: Performance Analysis of Predictive models for Postoperative Complications after Surgery

10:30 AM - 10:45 AM Coffee Break

10:45 AM - 11:15 AM Ilaria Granata

Title: A transcriptomics-driven modelling of genome-scale metabolic networks: a case study on obesity-breast cancer link

11:15 AM - 12:00 PM Dr. Erhun Kundakcioglu

Title: Healthcare Inventory Management in the Presence of Supply Disruptions

12:00 PM - 1:45 PM Lunch Break

1:45 PM - 2:30 PM Plenary Talk by Dr. Eva Lee

Title: Outcome-Driven Personalized Treatment Design

2:30 PM - 2:45 PM Coffee Break

2:45 PM - 3:30 PM Plenary Talk by Dr. Azra Bihorac

Title: Next generation intelligent decision support for augmented decision making

3:30 PM - 4:00 PM Dr. Hongcheng Liu

Title: Provable generalizability of a regularized deep neural network with applications in diagnostics

Friday, February 8th

8:30 AM – 9:00 AM Breakfast

9:00 AM - 10:00 AM Plenary Talk by Dr. Mario Guarracino
Title: What can we learn from metabolic networks?

10:00 AM - 10:45 AM Jaeyoung Park
Title: On the effect of electronic patient portal on primary care utilization and appointment adherence

10:45 AM - 11:00 AM Coffee Break

11:00 AM – 12:00 PM Dr. Parisa Rashidi
Title: Intelligent Patient Monitoring Systems

12:00 PM – 1:30 PM Lunch Break

1:30 PM – 2:00 PM Dr. Boyi Hu
Title: Applying deep neural network and inertial measurement unit in recognizing irregular walking differences

2:00 PM – 2:30 PM Tonguç Yavuz
Title: Operating Room Capacity Allocation Among In-doctors and Out-doctors Under Uncertainty

2:30 PM – 2:45 PM Coffee Break

2:45 PM – 3:15 PM Arsenios Tsokas