

2nd Workshop on Data Mining for Medical Informatics: Predictive Analytics

Nov 14, 2015, San Francisco, CA

Nov 14, Saturday	
8:30 – 8:45	Workshop Opening
8:45 – 9:30	Opening Keynote Riccardo Bellazzi: Predictive analytics to face precision medicine challenges: integrating and fusing data, re-engineering methods and technologies
9:30 – 10:30	Paper Session (10 min presentations for long and 5 min for short* paper) Katherine Niehaus, Joshua Knowles and Nigam Shah: <i>FIND FH – A phenotype model to identify patients with familial hypercholesterolemia</i> Linda Zhang, Daniel Fabbri and Colin Walsh: <i>A Data Driven System for Clinical Preventive Order Recommendations</i> Wuyang Dai, Theodora Brisimi, Tingting Xu, Taiyao Wang, Venkatesh Saligrama and Ioannis Paschalidis: <i>A Joint Clustering and Classification Approach for Healthcare Predictive Analytics</i> Nirav Shah, Vivek Vegi, Ankit Dhingra, Rema Padman, Daniel Nagin and Ari Robicsek: <i>What is a “normal” postoperative temperature? Group based trajectory modeling in postoperative knee arthroplasty patients in a large health system</i> *Narges Razavian and David Sontag: <i>Temporal Convolutional Models of Biomarkers for Disease Diagnosis</i>
10:30 – 11:00	Coffee Break
11:00 – 12:15	Predictive Analytics in Practice - short invited talks (12 min) with panel discussion (25 min) Ziad Obermeyer David Buckeridge Michael Rothman Enrico Bertini
12:15 – 13:15	Lunch Break
13:30 – 14:15	Industry Perspective Walter (Buzz) Stewart
14:15 – 15:00	Invited talk on open challenges Peter Szolovits: Predictive Analytics: The Promise and Problems of Change
15:00 – 15:30	Coffee Break
15:30 – 16:15	Closing Keynote Gregory Cooper: Clinical Alerting of Unusual Care that Is Based on Machine Learning from Past EMR Data
16:15 – 16:30	Closing Remarks