

SOUTHERN CALIFORNIA BIOMEDICAL IMAGING and MACHINE LEARNING SYMPOSIUM

Calit2 Building Auditorium

University of California, Irvine
Register: www.igb.uci.edu

June 1, 2018

10:00 am Presentations (lunch provided)
5:30 pm Reception

10:00 am Pierre Baldi
UC Irvine

Welcome and Introductions
Deep Learning in Biomedical Imaging

10:30 am Lydia Su
UC Irvine

Clinical Applications of Deep Learning
in Radiology

11:00 am Petra Wilder-Smith
UC Irvine

Improving Oral Cancer Outcomes in
High Risk Populations

11:30 am Peter Chang/Daniel Chow
UCSF/UC Irvine

Deep Learning Identification and
Quantification of Cerebral Hemorrhages

—LUNCH BREAK—

1:00 pm Roy Wollman
UCLA

Trying to Win the Red Queen's
Race in Biological Imaging

1:30 pm Amit Roy-Chowdhury
UC Riverside

Exploiting Contextual Relationships for
Image-Based Growth Modeling

2:00 pm Zhuowen Tu
UC San Diego

Holistically-Nested Biomedical
Image Segmentation

2:30 pm Michelle Digman
UC Irvine

Spatial-temporal Imaging of p53 Binding
and Influence on Metabolism

—COFFEE BREAK—

3:30 pm Sabea Molloy
UC Irvine

Detection of Breast Arterial Calcification
as a Marker for Coronary Arterial Disease

4:00 pm Andrew Browne
UC Irvine

Advanced Imaging Techniques in
Ophthalmology and Vision Science

4:30 pm Bruce Tromberg
UC Irvine

Developing Quantitative, Model-Based,
Optical Imaging Technologies for the Clinic

5:00 pm Charless Fowlkes
UC Irvine

Optically Mapping Microanatomy in the
Peripheral Nervous System
Closing Remarks

—RECEPTION and POSTERS—

The Biomedical Imaging and Machine Learning Symposium is Co-Sponsored
by UCI's Institute for Genomics and Bioinformatics and NeoGenomics

