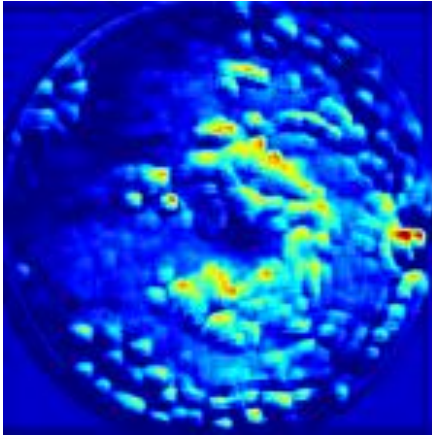


Marketing Revolution with Machine Learning (MKT/MATH 5001) - Guest Speaker Series



Speaker: Dr. Hidenori Takahashi, MD, PhD – CEO, Deep EyeVision Inc.

Virtual Lecture - Title: From an eye doctor's encounter with deep learning to the launch of a certified AI medical device program

Date: 12:30pm-1:45pm, Thursday February 23rd,

Location: Fulton 107A

Speaker bio:

CEO, DeepEyeVision Inc. (First Approved Venture Company from Jichi Medical University)

MD and PhD, Medical Department, the University of Tokyo

Associate Professor, Ophthalmology, Jichi Medical University

Medical / Surgical Retina, Many Patents or Patents Pending for AI

Speaker's Illustrative Publications on AI:

Deep-learning-based AI for evaluating estimated nonperfusion areas requiring further examination in ultra-widefield fundus images. *Sci Rep.* 2022

Association between visual field damage and corneal structural parameters. *Sci Rep.* 2021

Predicting the likelihood of need for future keratoplasty intervention using artificial intelligence. *Ocular Surface.* 2020

Keratoconus severity identification using unsupervised machine learning. *PloS One.* 2018

Applying artificial intelligence to disease staging: Deep learning for improved staging of diabetic retinopathy. *PLoS One.* 2017

Note: This virtual lecture is given as a part of MKT/MATH 5001 class (Marketing Revolution with Machine Learning). Missouri S&T faculty/students/staff are all welcome to attend.

For any questions about this talk, please contact the organizer, Dr. Nobuyuki Fukawa (fukawan@mst.edu)